

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
 Data File : VN078970.D
 Acq On : 21 Aug 2023 13:19
 Operator : JC\MD
 Sample : VN0821WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2023
 Supervised By :Mahesh Dadoda 08/22/2023

Quant Time: Aug 22 00:55:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	208050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	361562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	319873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	143592	44.354	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.700%		
35) Dibromofluoromethane	8.171	113	113936	46.813	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.620%		
50) Toluene-d8	10.571	98	415768	46.007	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.020%		
62) 4-Bromofluorobenzene	12.853	95	128446	43.484	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	52773	18.281	ug/l	97
3) Chloromethane	2.365	50	57856	14.354	ug/l	93
4) Vinyl Chloride	2.512	62	60382	17.082	ug/l	94
5) Bromomethane	2.948	94	34958	17.225	ug/l	96
6) Chloroethane	3.118	64	38807	15.705	ug/l	95
7) Trichlorofluoromethane	3.495	101	76700	17.815	ug/l	99
8) Diethyl Ether	3.959	74	29068	17.810	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.371	101	40621	17.716	ug/l	98
10) Methyl Iodide	4.583	142	46506	18.128	ug/l #	93
11) Tert butyl alcohol	5.530	59	47027	86.567	ug/l	99
12) 1,1-Dichloroethene	4.342	96	39674	17.763	ug/l #	78
13) Acrolein	4.189	56	28419	86.766	ug/l	98
14) Allyl chloride	5.030	41	65703	14.780	ug/l #	86
15) Acrylonitrile	5.724	53	132732	90.190	ug/l	98
16) Acetone	4.436	43	122372	91.608	ug/l	91
17) Carbon Disulfide	4.712	76	111397	17.817	ug/l	97
18) Methyl Acetate	5.036	43	101182	17.930	ug/l #	80
19) Methyl tert-butyl Ether	5.800	73	142484	17.709	ug/l #	87
20) Methylene Chloride	5.271	84	49499	17.388	ug/l #	90
21) trans-1,2-Dichloroethene	5.795	96	44591	17.803	ug/l	90
22) Diisopropyl ether	6.677	45	168894	17.959	ug/l #	88
23) Vinyl Acetate	6.612	43	530474	85.667	ug/l #	84
24) 1,1-Dichloroethane	6.571	63	90939	17.700	ug/l	97
25) 2-Butanone	7.494	43	189346	88.410	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	72036	17.346	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	53737	17.652	ug/l	89
28) Bromochloromethane	7.812	49	55200	20.254	ug/l #	72
29) Tetrahydrofuran	7.847	42	123329	87.001	ug/l #	72
30) Chloroform	7.971	83	91063	17.742	ug/l	93
31) Cyclohexane	8.259	56	73951	16.549	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	77280	17.658	ug/l #	93
36) 1,1-Dichloropropene	8.377	75	66507	18.166	ug/l	96
37) Ethyl Acetate	7.571	43	76739	18.734	ug/l #	90
38) Carbon Tetrachloride	8.365	117	68271	18.611	ug/l	99
39) Methylcyclohexane	9.606	83	57081	16.952	ug/l #	89
40) Benzene	8.612	78	201351	18.607	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
 Data File : VN078970.D
 Acq On : 21 Aug 2023 13:19
 Operator : JC\MD
 Sample : VN0821WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2023
 Supervised By :Mahesh Dadoda 08/22/2023

Quant Time: Aug 22 00:55:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	41765	18.721	ug/l #	81
42) 1,2-Dichloroethane	8.677	62	73050	18.069	ug/l	97
43) Isopropyl Acetate	8.694	43	139521	19.270	ug/l #	83
44) Trichloroethene	9.359	130	48004	18.669	ug/l	86
45) 1,2-Dichloropropane	9.624	63	50922	17.674	ug/l	90
46) Dibromomethane	9.718	93	35402	17.914	ug/l	92
47) Bromodichloromethane	9.894	83	71563	18.339	ug/l	96
48) Methyl methacrylate	9.688	41	59209	18.047	ug/l #	78
49) 1,4-Dioxane	9.700	88	21210	379.544	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	392460	91.394	ug/l #	84
52) Toluene	10.635	92	123865	18.643	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	76215	18.213	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	80275	17.613	ug/l #	77
55) 1,1,2-Trichloroethane	11.024	97	49990	18.765	ug/l	98
56) Ethyl methacrylate	10.882	69	72103	17.460	ug/l #	68
57) 1,3-Dichloropropane	11.171	76	88986	18.675	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	164250	82.859	ug/l	90
59) 2-Hexanone	11.200	43	287976	92.589	ug/l	82
60) Dibromochloromethane	11.371	129	52788	18.830	ug/l	99
61) 1,2-Dibromoethane	11.471	107	51013	18.844	ug/l	98
64) Tetrachloroethene	11.112	164	38869	19.377	ug/l	87
65) Chlorobenzene	11.894	112	127686	18.753	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	50523	19.634	ug/l	98
67) Ethyl Benzene	11.971	91	215267	17.385	ug/l	98
68) m/p-Xylenes	12.077	106	169582	36.631	ug/l	100
69) o-Xylene	12.400	106	82333	18.282	ug/l	99
70) Styrene	12.418	104	134492	17.910	ug/l	100
71) Bromoform	12.582	173	36626	19.579	ug/l #	95
73) Isopropylbenzene	12.700	105	195309	17.904	ug/l	99
74) N-amyl acetate	12.500	43	97219	17.656	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	75864	19.261	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	60895m	19.318	ug/l	
77) Bromobenzene	12.982	156	50606	19.300	ug/l	97
78) n-propylbenzene	13.041	91	225673	17.840	ug/l	99
79) 2-Chlorotoluene	13.129	91	140669	17.927	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	159090	18.403	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	25253	20.465	ug/l	90
82) 4-Chlorotoluene	13.224	91	140037	18.239	ug/l	98
83) tert-Butylbenzene	13.441	119	132383	18.226	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	157708	18.424	ug/l	96
85) sec-Butylbenzene	13.623	105	177215	17.729	ug/l	100
86) p-Isopropyltoluene	13.735	119	142934	17.898	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	83356	18.475	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	82283	18.220	ug/l	98
89) n-Butylbenzene	14.059	91	109869	16.717	ug/l	97
90) Hexachloroethane	14.335	117	28396	17.738	ug/l	78
91) 1,2-Dichlorobenzene	14.112	146	83836	18.684	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	13840	18.518	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	28687	18.035	ug/l	97
94) Hexachlorobutadiene	15.506	225	17062	18.584	ug/l	96
95) Naphthalene	15.647	128	83508	15.713	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	31056	17.826	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
Data File : VN078970.D
Acq On : 21 Aug 2023 13:19
Operator : JC\MD
Sample : VN0821WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023

Quant Time: Aug 22 00:55:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082123\
Data File : VN078970.D
Acq On : 21 Aug 2023 13:19
Operator : JC\MD
Sample : VN0821WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBSD01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023

Quant Time: Aug 22 00:55:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration

