

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079743.D
 Acq On : 31 Oct 2023 14:55
 Operator : JC\MD
 Sample : VN1031WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 01 01:20:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

11/01/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	268664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	472338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	431119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169286	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	220136	51.023	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.040%	
35) Dibromofluoromethane	8.171	113	172254	51.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.080%	
50) Toluene-d8	10.571	98	639072	50.793	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.580%	
62) 4-Bromofluorobenzene	12.853	95	201135	50.764	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.520%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	68071	19.193	ug/l	95
3) Chloromethane	2.365	50	77434	18.023	ug/l	99
4) Vinyl Chloride	2.518	62	82008	17.723	ug/l	100
5) Bromomethane	2.959	94	58663	19.314	ug/l	92
6) Chloroethane	3.124	64	64196	18.939	ug/l	95
7) Trichlorofluoromethane	3.501	101	103159	18.959	ug/l	100
8) Diethyl Ether	3.959	74	38900	19.755	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.377	101	58991	18.719	ug/l	99
10) Methyl Iodide	4.595	142	64872	20.453	ug/l	97
11) Tert butyl alcohol	5.524	59	52172	91.170	ug/l	98
12) 1,1-Dichloroethene	4.342	96	54646	18.513	ug/l	83
13) Acrolein	4.183	56	51096	88.762	ug/l	96
14) Allyl chloride	5.030	41	86169	17.407	ug/l #	90
15) Acrylonitrile	5.730	53	171273	97.264	ug/l	99
16) Acetone	4.436	43	138855	75.225	ug/l	91
17) Carbon Disulfide	4.718	76	157406	17.462	ug/l	97
18) Methyl Acetate	5.030	43	141593	19.013	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	194450	19.469	ug/l	93
20) Methylene Chloride	5.271	84	70988	19.421	ug/l #	82
21) trans-1,2-Dichloroethene	5.789	96	61994	18.503	ug/l #	74
22) Diisopropyl ether	6.677	45	217436	19.538	ug/l #	91
23) Vinyl Acetate	6.606	43	574932	93.833	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	127446	19.111	ug/l	97
25) 2-Butanone	7.489	43	219657	86.633	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	97498	18.068	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	73830	19.138	ug/l	87
28) Bromochloromethane	7.818	49	65991	20.231	ug/l #	78
29) Tetrahydrofuran	7.841	42	148436	95.827	ug/l #	75
30) Chloroform	7.965	83	129944	19.351	ug/l	92
31) Cyclohexane	8.259	56	106458	18.086	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	107469	18.461	ug/l	95
36) 1,1-Dichloropropene	8.377	75	93598	18.693	ug/l	95
37) Ethyl Acetate	7.565	43	98173	19.781	ug/l #	88
38) Carbon Tetrachloride	8.365	117	91503	18.326	ug/l	96
39) Methylcyclohexane	9.600	83	87344	17.538	ug/l #	85
40) Benzene	8.612	78	290305	19.645	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079743.D
 Acq On : 31 Oct 2023 14:55
 Operator : JC\MD
 Sample : VN1031WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 01 01:20:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

11/01/2023
 Supervised By :Semsettin
 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	50082	19.348	ug/l	#	85
42) 1,2-Dichloroethane	8.677	62	107736	20.073	ug/l		97
43) Isopropyl Acetate	8.688	43	151072	19.041	ug/l	#	90
44) Trichloroethene	9.353	130	69028	19.283	ug/l		99
45) 1,2-Dichloropropane	9.624	63	77559	19.761	ug/l		97
46) Dibromomethane	9.712	93	50256	18.985	ug/l		93
47) Bromodichloromethane	9.894	83	102693	19.338	ug/l		96
48) Methyl methacrylate	9.683	41	71332	19.392	ug/l	#	78
49) 1,4-Dioxane	9.700	88	25306	390.947	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.447	43	469535	95.110	ug/l		88
52) Toluene	10.635	92	172880	19.163	ug/l		96
53) t-1,3-Dichloropropene	10.841	75	102683	19.148	ug/l		99
54) cis-1,3-Dichloropropene	10.318	75	113701	19.380	ug/l	#	86
55) 1,1,2-Trichloroethane	11.018	97	68807	19.285	ug/l		92
56) Ethyl methacrylate	10.877	69	96485	19.148	ug/l	#	81
57) 1,3-Dichloropropane	11.165	76	125091	20.034	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	181720	97.889	ug/l		91
59) 2-Hexanone	11.200	43	326582	89.969	ug/l		87
60) Dibromochloromethane	11.359	129	71648	19.406	ug/l		99
61) 1,2-Dibromoethane	11.471	107	70062	19.710	ug/l		94
64) Tetrachloroethene	11.106	164	58702	19.194	ug/l		97
65) Chlorobenzene	11.894	112	178092	18.663	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.965	131	66700	18.812	ug/l		98
67) Ethyl Benzene	11.965	91	308971	18.379	ug/l		97
68) m/p-Xylenes	12.071	106	233921	37.622	ug/l		93
69) o-Xylene	12.400	106	111544	18.657	ug/l		92
70) Styrene	12.418	104	182230	19.027	ug/l		97
71) Bromoform	12.582	173	46442	18.287	ug/l	#	99
73) Isopropylbenzene	12.700	105	277610	18.105	ug/l		100
74) N-amyl acetate	12.500	43	111136	18.223	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	100857	18.579	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	87098m	18.948	ug/l		
77) Bromobenzene	12.982	156	67422	18.697	ug/l		94
78) n-propylbenzene	13.041	91	335785	19.010	ug/l		97
79) 2-Chlorotoluene	13.129	91	205336	18.649	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	239766	19.183	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.741	75	26319	17.271	ug/l	#	78
82) 4-Chlorotoluene	13.224	91	199269	18.842	ug/l		98
83) tert-Butylbenzene	13.441	119	185949	18.153	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	226992	18.825	ug/l		99
85) sec-Butylbenzene	13.618	105	273140	19.116	ug/l		98
86) p-Isopropyltoluene	13.729	119	210943	18.536	ug/l		100
87) 1,3-Dichlorobenzene	13.735	146	111217	18.231	ug/l		99
88) 1,4-Dichlorobenzene	13.818	146	114371	18.820	ug/l		99
89) n-Butylbenzene	14.059	91	161092	17.817	ug/l		99
90) Hexachloroethane	14.335	117	42650	17.737	ug/l		90
91) 1,2-Dichlorobenzene	14.106	146	110140	18.563	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15733	18.792	ug/l		95
93) 1,2,4-Trichlorobenzene	15.400	180	28425	16.072	ug/l		97
94) Hexachlorobutadiene	15.506	225	28213	17.979	ug/l		99
95) Naphthalene	15.647	128	75854	14.774	ug/l		98
96) 1,2,3-Trichlorobenzene	15.847	180	34673	17.556	ug/l		94

11/02/2023

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
Data File : VN079743.D
Acq On : 31 Oct 2023 14:55
Operator : JC\MD
Sample : VN1031WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 01 01:20:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 07:23:24 2023
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBSD01

Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/01/2023
Supervised By :Semsettin
Yesilyurt

11/02/2023

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

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

