

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082523\
 Data File : VN079048.D
 Acq On : 25 Aug 2023 12:03
 Operator : JC\MD
 Sample : VN0825WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/28/2023
 Supervised By : Mahesh Dadoda 08/28/2023

Quant Time: Aug 25 23:02:40 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	227540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	378563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	341756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	152920	43.189	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.380%		
35) Dibromofluoromethane	8.171	113	128796	50.542	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.080%		
50) Toluene-d8	10.571	98	457092	48.308	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.620%		
62) 4-Bromofluorobenzene	12.853	95	154657	50.006	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	54821	17.364	ug/l	95
3) Chloromethane	2.365	50	60947	13.826	ug/l	98
4) Vinyl Chloride	2.512	62	62862	16.261	ug/l	95
5) Bromomethane	2.948	94	39272	17.694	ug/l	96
6) Chloroethane	3.118	64	40154	14.858	ug/l	96
7) Trichlorofluoromethane	3.495	101	86800	18.435	ug/l	96
8) Diethyl Ether	3.965	74	33200	18.599	ug/l #	55
9) 1,1,2-Trichlorotrifluo...	4.383	101	46868	18.689	ug/l	99
10) Methyl Iodide	4.594	142	52386	18.671	ug/l	98
11) Tert butyl alcohol	5.530	59	54883	92.374	ug/l	97
12) 1,1-Dichloroethene	4.347	96	42503	17.399	ug/l	86
13) Acrolein	4.189	56	23536	66.218	ug/l	95
14) Allyl chloride	5.024	41	78917	16.232	ug/l #	90
15) Acrylonitrile	5.724	53	144187	89.582	ug/l	99
16) Acetone	4.430	43	152014	104.051	ug/l	90
17) Carbon Disulfide	4.712	76	109758	16.051	ug/l	96
18) Methyl Acetate	5.030	43	108432	17.569	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	169652	19.280	ug/l	96
20) Methylene Chloride	5.283	84	58283	18.720	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	51146	18.671	ug/l #	83
22) Diisopropyl ether	6.677	45	191657	18.634	ug/l #	91
23) Vinyl Acetate	6.606	43	596510	88.080	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	99632	17.731	ug/l	97
25) 2-Butanone	7.494	43	216840	92.576	ug/l #	78
26) 2,2-Dichloropropane	7.494	77	86468	19.038	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	60854	18.278	ug/l	86
28) Bromochloromethane	7.818	49	49946	16.757	ug/l #	74
29) Tetrahydrofuran	7.847	42	133913	86.375	ug/l #	72
30) Chloroform	7.971	83	104722	18.655	ug/l	92
31) Cyclohexane	8.259	56	79402	16.196	ug/l #	86
32) 1,1,1-Trichloroethane	8.177	97	87956	18.376	ug/l	96
36) 1,1-Dichloropropene	8.371	75	74635	19.470	ug/l	96
37) Ethyl Acetate	7.565	43	86204	20.099	ug/l #	90
38) Carbon Tetrachloride	8.365	117	75631	19.691	ug/l	90
39) Methylcyclohexane	9.606	83	70106	19.886	ug/l	90
40) Benzene	8.606	78	223555	19.731	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082523\
 Data File : VN079048.D
 Acq On : 25 Aug 2023 12:03
 Operator : JC\MD
 Sample : VN0825WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0825WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/28/2023
 Supervised By : Mahesh Dadoda 08/28/2023

Quant Time: Aug 25 23:02:40 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	7.782	41	48734	20.863	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	83837	19.806	ug/l	99
43) Isopropyl Acetate	8.694	43	142960	18.859	ug/l #	87
44) Trichloroethene	9.353	130	57089	21.206	ug/l	86
45) 1,2-Dichloropropane	9.629	63	59724	19.798	ug/l	98
46) Dibromomethane	9.712	93	39197	18.944	ug/l	91
47) Bromodichloromethane	9.894	83	81162	19.865	ug/l	98
48) Methyl methacrylate	9.688	41	64773	18.856	ug/l #	78
49) 1,4-Dioxane	9.706	88	22747	388.767	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	427000	94.972	ug/l	87
52) Toluene	10.635	92	144067	20.710	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	85306	19.469	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	93446	19.582	ug/l #	85
55) 1,1,2-Trichloroethane	11.023	97	54469	19.528	ug/l	88
56) Ethyl methacrylate	10.876	69	85449	19.763	ug/l #	75
57) 1,3-Dichloropropane	11.171	76	100362	20.117	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	166896	80.413	ug/l	88
59) 2-Hexanone	11.200	43	311939	95.790	ug/l	85
60) Dibromochloromethane	11.365	129	59982	20.436	ug/l	100
61) 1,2-Dibromoethane	11.470	107	54490	19.224	ug/l	100
64) Tetrachloroethene	11.106	164	45761	21.352	ug/l	87
65) Chlorobenzene	11.894	112	144317	19.838	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	57958	21.082	ug/l	95
67) Ethyl Benzene	11.970	91	255689	19.327	ug/l	95
68) m/p-Xylenes	12.076	106	191114	38.639	ug/l	95
69) o-Xylene	12.400	106	95293	19.805	ug/l	96
70) Styrene	12.418	104	154422	19.248	ug/l	98
71) Bromoform	12.582	173	39874	19.950	ug/l #	99
73) Isopropylbenzene	12.700	105	240935	20.191	ug/l	98
74) N-amyl acetate	12.500	43	108609	18.032	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	85151	19.763	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	67287m	19.513	ug/l	
77) Bromobenzene	12.988	156	57216	19.948	ug/l	96
78) n-propylbenzene	13.041	91	265719	19.203	ug/l	100
79) 2-Chlorotoluene	13.129	91	173755	20.243	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	193601	20.473	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	22760	16.861	ug/l #	80
82) 4-Chlorotoluene	13.229	91	160781	19.144	ug/l	100
83) tert-Butylbenzene	13.441	119	170427	21.450	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	193419	20.657	ug/l	99
85) sec-Butylbenzene	13.623	105	221694	20.275	ug/l	98
86) p-Isopropyltoluene	13.735	119	185887	21.279	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	94571	19.161	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	94363	19.102	ug/l	97
89) n-Butylbenzene	14.059	91	139150	19.355	ug/l	99
90) Hexachloroethane	14.341	117	34509	19.706	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	97903	19.947	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14089	16.903	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	35228	20.246	ug/l	99
94) Hexachlorobutadiene	15.506	225	21248	21.360	ug/l	98
95) Naphthalene	15.647	128	101661	17.196	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	37739	19.803	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082523\
Data File : VN079048.D
Acq On : 25 Aug 2023 12:03
Operator : JC\MD
Sample : VN0825WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0825WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/28/2023
Supervised By :Mahesh Dadoda 08/28/2023

Quant Time: Aug 25 23:02:40 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

