

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022723\
 Data File : VN076817.D
 Acq On : 27 Feb 2023 11:03
 Operator : JC\MD
 Sample : VN0227WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 01:50:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	253942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	463259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	427206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	205575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	199438	56.876	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.760%			
35) Dibromofluoromethane	8.172	113	150949	49.756	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.520%			
50) Toluene-d8	10.566	98	599242	52.890	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.780%			
62) 4-Bromofluorobenzene	12.854	95	201414	53.675	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.340%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	49607	18.397	ug/l	99
3) Chloromethane	2.378	50	61599	17.510	ug/l	97
4) Vinyl Chloride	2.525	62	61752	17.835	ug/l	96
5) Bromomethane	2.960	94	45478	21.678	ug/l	99
6) Chloroethane	3.125	64	44548	20.359	ug/l	90
7) Trichlorofluoromethane	3.507	101	90415	19.193	ug/l	98
8) Diethyl Ether	3.978	74	36757	20.249	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.390	101	55391	20.011	ug/l	96
10) Methyl Iodide	4.601	142	61778	18.072	ug/l	97
11) Tert butyl alcohol	5.543	59	49561	107.077	ug/l	100
12) 1,1-Dichloroethene	4.360	96	48250	18.408	ug/l	97
13) Acrolein	4.190	56	65173	93.789	ug/l	99
14) Allyl chloride	5.043	41	87364	19.236	ug/l	98
15) Acrylonitrile	5.731	53	170123	103.567	ug/l	97
16) Acetone	4.443	43	178780	114.139	ug/l	93
17) Carbon Disulfide	4.725	76	114064	16.482	ug/l	99
18) Methyl Acetate	5.031	43	108297	21.182	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	185183	20.955	ug/l	99
20) Methylene Chloride	5.284	84	64565	19.668	ug/l	97
21) trans-1,2-Dichloroethene	5.801	96	52037	17.636	ug/l	92
22) Diisopropyl ether	6.678	45	226154	21.230	ug/l #	89
23) Vinyl Acetate	6.613	43	712040	112.975	ug/l	96
24) 1,1-Dichloroethane	6.578	63	118731	20.337	ug/l	96
25) 2-Butanone	7.495	43	249799	108.116	ug/l	100
26) 2,2-Dichloropropane	7.501	77	88698	21.064	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	65286	18.655	ug/l	89
28) Bromochloromethane	7.819	49	61065	21.977	ug/l	87
29) Tetrahydrofuran	7.842	42	163792	108.504	ug/l	98
30) Chloroform	7.972	83	119400	20.470	ug/l	91
31) Cyclohexane	8.266	56	104296	18.961	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	94400	19.248	ug/l	96
36) 1,1-Dichloropropene	8.378	75	84834	19.354	ug/l	99
37) Ethyl Acetate	7.566	43	97527	21.147	ug/l	97
38) Carbon Tetrachloride	8.366	117	82666	18.695	ug/l	91
39) Methylcyclohexane	9.607	83	95606	19.188	ug/l	95
40) Benzene	8.613	78	260522	19.354	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022723\
 Data File : VN076817.D
 Acq On : 27 Feb 2023 11:03
 Operator : JC\MD
 Sample : VN0227WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS01

Quant Time: Feb 28 01:50:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	51557	19.297	ug/l	89
42) 1,2-Dichloroethane	8.672	62	94070	20.037	ug/l	96
43) Isopropyl Acetate	8.695	43	160143	21.340	ug/l	97
44) Trichloroethene	9.354	130	59650	18.752	ug/l	99
45) 1,2-Dichloropropane	9.625	63	72850	20.444	ug/l	100
46) Dibromomethane	9.713	93	45129	19.810	ug/l	95
47) Bromodichloromethane	9.889	83	90156	19.739	ug/l	94
48) Methyl methacrylate	9.689	41	72486	20.355	ug/l	98
49) 1,4-Dioxane	9.695	88	24381	395.794	ug/l	92
51) 4-Methyl-2-Pentanone	10.448	43	520624	109.037	ug/l	96
52) Toluene	10.630	92	165835	20.406	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	90668	20.567	ug/l	95
54) cis-1,3-Dichloropropene	10.313	75	103559	20.366	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	68848	20.834	ug/l	92
56) Ethyl methacrylate	10.877	69	95243	20.475	ug/l #	90
57) 1,3-Dichloropropane	11.166	76	115252	20.300	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	184950	86.818	ug/l	95
59) 2-Hexanone	11.201	43	380960	110.655	ug/l	98
60) Dibromochloromethane	11.360	129	64168	18.424	ug/l	99
61) 1,2-Dibromoethane	11.472	107	61938	18.725	ug/l	97
64) Tetrachloroethene	11.107	164	48386	17.973	ug/l	93
65) Chlorobenzene	11.895	112	167326	18.482	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.960	131	63956	19.448	ug/l	100
67) Ethyl Benzene	11.966	91	307749	19.952	ug/l	97
68) m/p-Xylenes	12.077	106	241455	40.612	ug/l	95
69) o-Xylene	12.401	106	119565	20.620	ug/l	97
70) Styrene	12.413	104	189845	20.247	ug/l	97
71) Bromoform	12.583	173	45240	18.755	ug/l #	93
73) Isopropylbenzene	12.701	105	306719	20.356	ug/l	98
74) N-amyl acetate	12.495	43	130870	19.269	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	103827	19.036	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	88534m	21.302	ug/l	
77) Bromobenzene	12.983	156	69321	18.439	ug/l	91
78) n-propylbenzene	13.036	91	369795	20.900	ug/l	96
79) 2-Chlorotoluene	13.130	91	220834	20.384	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	257753	20.699	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	27430	19.223	ug/l	90
82) 4-Chlorotoluene	13.130	91	220834	20.384	ug/l	97
83) tert-Butylbenzene	13.442	119	223970	19.882	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	258926	20.863	ug/l	97
85) sec-Butylbenzene	13.618	105	334753	21.284	ug/l	98
86) p-Isopropyltoluene	13.730	119	258043	20.546	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	134123	18.874	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	135509	19.148	ug/l	98
89) n-Butylbenzene	14.060	91	217962	19.954	ug/l	98
90) Hexachloroethane	14.336	117	49899	18.975	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	134971	18.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	18823	17.813	ug/l	83
93) 1,2,4-Trichlorobenzene	15.395	180	59705	16.429	ug/l	98
94) Hexachlorobutadiene	15.501	225	32328	18.150	ug/l	94
95) Naphthalene	15.648	128	191388	17.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	60520	17.189	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022723\
Data File : VN076817.D
Acq On : 27 Feb 2023 11:03
Operator : JC\MD
Sample : VN0227WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 01:50:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

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

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

