

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074015.D
 Acq On : 18 Aug 2022 19:29
 Operator : JC\MD
 Sample : N4229-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106DMSD

Quant Time: Aug 19 00:04:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/19/2022
 Supervised By : Mahesh Dadoda 08/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	543748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	845472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	778139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	389040	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	308556	58.261	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.520%	
35) Dibromofluoromethane	7.951	113	273718	54.743	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.480%	
50) Toluene-d8	10.381	98	1030339	53.207	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.420%	
62) 4-Bromofluorobenzene	12.674	95	358966	55.855	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	206203	47.826	ug/l	99
3) Chloromethane	2.269	50	265265	55.327	ug/l	97
4) Vinyl Chloride	2.405	62	320250	52.031	ug/l	99
5) Bromomethane	2.787	94	164692	42.849	ug/l	98
6) Chloroethane	2.957	64	209604	48.205	ug/l	96
7) Trichlorofluoromethane	3.310	101	435327	54.828	ug/l	99
8) Diethyl Ether	3.763	74	162508	55.137	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.140	101	210046	45.540	ug/l	96
10) Methyl Iodide	4.351	142	232936	42.066	ug/l	100
11) Tert butyl alcohol	5.293	59	383654	323.854	ug/l	100
12) 1,1-Dichloroethene	4.110	96	221332	51.575	ug/l	91
13) Acrolein	3.981	56	274576	331.131	ug/l	96
14) Allyl chloride	4.757	41	348208	54.787	ug/l	98
15) Acrylonitrile	5.475	53	915317	316.474	ug/l	100
16) Acetone	4.222	43	777677	311.242	ug/l	99
17) Carbon Disulfide	4.457	76	520598	51.019	ug/l	99
18) Methyl Acetate	4.781	43	418996	68.012	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	868239	56.175	ug/l	98
20) Methylene Chloride	5.016	84	270762	51.354	ug/l	96
21) trans-1,2-Dichloroethene	5.516	96	242368	51.263	ug/l	95
22) Diisopropyl ether	6.416	45	782356	58.057	ug/l	97
23) Vinyl Acetate	6.351	43	3379030	292.608	ug/l	100
24) 1,1-Dichloroethane	6.304	63	459740	54.809	ug/l	99
25) 2-Butanone	7.263	43	1261478	318.408	ug/l	99
26) 2,2-Dichloropropane	7.245	77	292455	37.110	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	311491	53.399	ug/l	91
28) Bromochloromethane	7.587	49	178778	57.788	ug/l	92
29) Tetrahydrofuran	7.610	42	809034	318.338	ug/l	97
30) Chloroform	7.745	83	505730	53.919	ug/l	99
31) Cyclohexane	8.022	56	357712	48.451	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	439765	52.871	ug/l	96
36) 1,1-Dichloropropene	8.151	75	340999	49.101	ug/l	99
37) Ethyl Acetate	7.340	43	473027	56.221	ug/l	100
38) Carbon Tetrachloride	8.134	117	379411	47.796	ug/l	98
39) Methylcyclohexane	9.398	83	377898	43.426	ug/l	95
40) Benzene	8.392	78	1097785	50.083	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074015.D
 Acq On : 18 Aug 2022 19:29
 Operator : JC\MD
 Sample : N4229-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-106DMSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/19/2022
 Supervised By : Mahesh Dadoda 08/22/2022

Quant Time: Aug 19 00:04:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	222073	58.406	ug/l	94
42) 1,2-Dichloroethane	8.463	62	383011	50.819	ug/l	100
43) Isopropyl Acetate	8.498	43	657824	54.883	ug/l	98
44) Trichloroethene	9.151	130	297166	46.939	ug/l	99
45) 1,2-Dichloropropane	9.428	63	280772	53.442	ug/l	98
46) Dibromomethane	9.516	93	200951	50.309	ug/l	94
47) Bromodichloromethane	9.698	83	392750	51.444	ug/l	98
48) Methyl methacrylate	9.498	41	298788	58.259	ug/l	93
49) 1,4-Dioxane	9.504	88	174729	1145.656	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	2415315	298.051	ug/l	99
52) Toluene	10.445	92	718257	47.787	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	405009	50.555	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	434484	49.568	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	304365	52.058	ug/l	99
56) Ethyl methacrylate	10.704	69	483506	57.982	ug/l	96
57) 1,3-Dichloropropane	10.986	76	506738	53.306	ug/l	100
59) 2-Hexanone	11.028	43	1929262	309.341	ug/l	99
60) Dibromochloromethane	11.180	129	337832	52.250	ug/l	99
61) 1,2-Dibromoethane	11.286	107	324575	51.903	ug/l	99
64) Tetrachloroethene	10.916	164	262730	42.778	ug/l	95
65) Chlorobenzene	11.710	112	796985	48.193	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	309992	49.501	ug/l	98
67) Ethyl Benzene	11.786	91	1371512	49.869	ug/l	98
68) m/p-Xylenes	11.898	106	1075931	96.285	ug/l	98
69) o-Xylene	12.222	106	548421	48.941	ug/l	98
70) Styrene	12.233	104	883946	50.386	ug/l	99
71) Bromoform	12.398	173	276962	49.536	ug/l #	99
73) Isopropylbenzene	12.522	105	1399658	49.408	ug/l	100
74) N-amyl acetate	12.333	43	547564	51.129	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	494107	51.977	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	431074m	53.310	ug/l	
77) Bromobenzene	12.798	156	360605	47.028	ug/l	96
78) n-propylbenzene	12.863	91	1512757	50.096	ug/l	98
79) 2-Chlorotoluene	12.945	91	945100	50.223	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1164175	50.524	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	143045	50.314	ug/l	95
82) 4-Chlorotoluene	13.045	91	906947	50.744	ug/l	98
83) tert-Butylbenzene	13.263	119	1043967	49.235	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1168805	50.795	ug/l	99
85) sec-Butylbenzene	13.439	105	1414826	51.476	ug/l	99
86) p-Isopropyltoluene	13.557	119	1213799	51.838	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	646758	48.637	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	640193	47.505	ug/l	99
89) n-Butylbenzene	13.880	91	902985	48.688	ug/l	99
90) Hexachloroethane	14.151	117	216520	50.588	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	670243	48.809	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	120960	53.890	ug/l	89
93) 1,2,4-Trichlorobenzene	15.198	180	400892	47.967	ug/l	99
94) Hexachlorobutadiene	15.304	225	194502	44.149	ug/l	98
95) Naphthalene	15.433	128	1454800	53.393	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	419895	48.607	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074015.D
 Acq On : 18 Aug 2022 19:29
 Operator : JC\MD
 Sample : N4229-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 MW-106DMSD

Manual Integrations
APPROVED

Reviewed By : John Carlone 08/19/2022
 Supervised By : Mahesh Dadoda 08/22/2022

Quant Time: Aug 19 00:04:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

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

