

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074252.D
 Acq On : 01 Sep 2022 19:11
 Operator : JC\MD
 Sample : N4446-10MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-05MSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 02 05:40:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	193578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	392046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	350724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	155232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	162354	54.066	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.140%			
35) Dibromofluoromethane	7.951	113	116640	45.721	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.440%			
50) Toluene-d8	10.381	98	486828	48.457	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.920%			
62) 4-Bromofluorobenzene	12.669	95	151314	49.526	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	97923	48.888	ug/l	94
3) Chloromethane	2.269	50	195311	69.228	ug/l	98
4) Vinyl Chloride	2.405	62	176327	62.897	ug/l	99
5) Bromomethane	2.787	94	77925	50.841	ug/l	100
6) Chloroethane	2.952	64	124172	67.987	ug/l	94
7) Trichlorofluoromethane	3.299	101	206559	48.198	ug/l	95
8) Diethyl Ether	3.763	74	96449	52.919	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.146	101	109368	44.686	ug/l	90
10) Methyl Iodide	4.352	142	87302	44.194	ug/l	99
11) Tert butyl alcohol	5.287	59	213441	318.444	ug/l	100
12) 1,1-Dichloroethene	4.110	96	116479	51.321	ug/l	89
13) Acrolein	3.981	56	177253	267.025	ug/l	98
14) Allyl chloride	4.757	41	267107	52.776	ug/l #	91
15) Acrylonitrile	5.469	53	628827	289.866	ug/l	97
16) Acetone	4.222	43	546253	272.234	ug/l	97
17) Carbon Disulfide	4.457	76	324422	50.226	ug/l	99
18) Methyl Acetate	4.781	43	275695	54.437	ug/l #	87
19) Methyl tert-butyl Ether	5.528	73	478976	57.054	ug/l	95
20) Methylene Chloride	5.010	84	152537	56.961	ug/l #	77
21) trans-1,2-Dichloroethene	5.516	96	130475	49.809	ug/l	91
22) Diisopropyl ether	6.410	45	612581	59.407	ug/l #	94
23) Vinyl Acetate	6.351	43	2231789	256.345	ug/l #	89
24) 1,1-Dichloroethane	6.304	63	282917	55.615	ug/l	99
25) 2-Butanone	7.257	43	953410	297.020	ug/l #	89
26) 2,2-Dichloropropane	7.251	77	71593	21.975	ug/l	89
27) cis-1,2-Dichloroethene	7.245	96	160727	54.933	ug/l	98
28) Bromochloromethane	7.581	49	102140	60.480	ug/l #	65
29) Tetrahydrofuran	7.610	42	644462	315.256	ug/l #	83
30) Chloroform	7.745	83	261814	50.488	ug/l	100
31) Cyclohexane	8.022	56	275465	55.520	ug/l	90
32) 1,1,1-Trichloroethane	7.940	97	202725	50.832	ug/l #	94
36) 1,1-Dichloropropene	8.151	75	199601	48.221	ug/l	96
37) Ethyl Acetate	7.334	43	303025	43.775	ug/l #	93
38) Carbon Tetrachloride	8.134	117	160737	42.639	ug/l	100
39) Methylcyclohexane	9.398	83	232637	47.877	ug/l	92
40) Benzene	8.392	78	657570	50.594	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074252.D
 Acq On : 01 Sep 2022 19:11
 Operator : JC\MD
 Sample : N4446-10MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-05MSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/02/2022
 Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 02 05:40:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	155874	48.782	ug/l	88
42) 1,2-Dichloroethane	8.463	62	215531	46.599	ug/l	99
43) Isopropyl Acetate	8.492	43	469717	50.475	ug/l #	92
44) Trichloroethene	9.151	130	129393	44.553	ug/l	88
45) 1,2-Dichloropropane	9.428	63	179667	51.200	ug/l	98
46) Dibromomethane	9.510	93	106732	45.541	ug/l #	84
47) Bromodichloromethane	9.698	83	204305	44.485	ug/l #	99
48) Methyl methacrylate	9.498	41	245791	55.603	ug/l #	87
49) 1,4-Dioxane	9.504	88	90954	953.715	ug/l #	87
51) 4-Methyl-2-Pentanone	10.269	43	1854389	274.568	ug/l	89
52) Toluene	10.445	92	387350	50.563	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	197476	45.349	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	213210	43.734	ug/l #	83
55) 1,1,2-Trichloroethane	10.839	97	153448	46.308	ug/l	90
56) Ethyl methacrylate	10.704	69	283589	56.462	ug/l #	79
57) 1,3-Dichloropropane	10.986	76	280195	48.655	ug/l	99
59) 2-Hexanone	11.028	43	1466749	286.174	ug/l	87
60) Dibromochloromethane	11.180	129	143285	46.165	ug/l	99
61) 1,2-Dibromoethane	11.286	107	155942	49.250	ug/l	98
64) Tetrachloroethene	10.916	164	101016	39.763	ug/l	96
65) Chlorobenzene	11.710	112	381838	48.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	130133	46.391	ug/l	97
67) Ethyl Benzene	11.786	91	733630	51.799	ug/l	99
68) m/p-Xylenes	11.892	106	545067	103.598	ug/l	99
69) o-Xylene	12.222	106	267405	51.007	ug/l	96
70) Styrene	12.233	104	449417	53.808	ug/l	99
71) Bromoform	12.398	173	96729	40.711	ug/l #	98
73) Isopropylbenzene	12.516	105	690624	51.950	ug/l	98
74) N-amyl acetate	12.327	43	377224	50.153	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.769	83	273965	49.692	ug/l	98
76) 1,2,3-Trichloropropane	12.822	75	216638m	58.911	ug/l	
77) Bromobenzene	12.798	156	147026	47.280	ug/l	79
78) n-propylbenzene	12.857	91	845135	55.771	ug/l	94
79) 2-Chlorotoluene	12.945	91	479140	51.621	ug/l	95
80) 1,3,5-Trimethylbenzene	12.998	105	563025	52.075	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	62108	41.529	ug/l	92
82) 4-Chlorotoluene	13.045	91	462881	51.539	ug/l	97
83) tert-Butylbenzene	13.263	119	489049	52.879	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	556607	53.342	ug/l	98
85) sec-Butylbenzene	13.439	105	708454	54.609	ug/l	96
86) p-Isopropyltoluene	13.557	119	551979	54.680	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	271034	48.893	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	272963	47.597	ug/l	98
89) n-Butylbenzene	13.880	91	486903	55.382	ug/l	96
90) Hexachloroethane	14.145	117	98341	47.253	ug/l	79
91) 1,2-Dichlorobenzene	13.927	146	276215	47.269	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	56471	51.247	ug/l	83
93) 1,2,4-Trichlorobenzene	15.192	180	139797	48.909	ug/l	97
94) Hexachlorobutadiene	15.304	225	53636	38.158	ug/l	98
95) Naphthalene	15.433	128	603470	51.204	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	146397	49.441	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
Data File : VN074252.D
Acq On : 01 Sep 2022 19:11
Operator : JC\MD
Sample : N4446-10MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-05MSD

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/02/2022
Supervised By : Mahesh Dadoda 09/02/2022

Quant Time: Sep 02 05:40:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 07:02:40 2022
Response via : Initial Calibration

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

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

