

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073395.D
 Acq On : 08 Jul 2022 16:06
 Operator : JC\MD
 Sample : N3616-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OW-03B-49-54-070622MSD

Quant Time: Jul 09 05:26:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	213901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	379861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	348889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	170999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	165396	53.563	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.120%			
35) Dibromofluoromethane	7.951	113	133411	52.789	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.580%			
50) Toluene-d8	10.380	98	456530	50.861	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.720%			
62) 4-Bromofluorobenzene	12.669	95	190034	55.091	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	154933	49.543	ug/l	100
3) Chloromethane	2.269	50	145481	47.917	ug/l	98
4) Vinyl Chloride	2.404	62	125824	48.775	ug/l	98
5) Bromomethane	2.787	94	60308	49.496	ug/l	93
6) Chloroethane	2.957	64	82380	54.287	ug/l	95
7) Trichlorofluoromethane	3.310	101	210356	47.167	ug/l	100
8) Diethyl Ether	3.769	74	99170	54.624	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.140	101	132430	50.254	ug/l	98
10) Methyl Iodide	4.351	142	142507	45.608	ug/l	97
11) Tert butyl alcohol	5.287	59	231588	309.598	ug/l	100
12) 1,1-Dichloroethene	4.110	96	128242	50.929	ug/l	96
13) Acrolein	3.981	56	136057	287.766	ug/l	98
14) Allyl chloride	4.763	41	283196	53.387	ug/l #	93
15) Acrylonitrile	5.475	53	577888	300.105	ug/l	99
16) Acetone	4.222	43	531279	306.515	ug/l	91
17) Carbon Disulfide	4.457	76	306777	46.985	ug/l	99
18) Methyl Acetate	4.781	43	288687	59.433	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	512471	55.841	ug/l	99
20) Methylene Chloride	5.016	84	154883	50.846	ug/l	92
21) trans-1,2-Dichloroethene	5.510	96	132290	50.280	ug/l	96
22) Diisopropyl ether	6.410	45	568286	57.412	ug/l #	95
23) Vinyl Acetate	6.351	43	2479400	279.768	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	282207	55.093	ug/l	99
25) 2-Butanone	7.257	43	865485	313.629	ug/l #	89
26) 2,2-Dichloropropane	7.245	77	226516	47.813	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	169756	53.279	ug/l	97
28) Bromochloromethane	7.586	49	121848	56.798	ug/l	82
29) Tetrahydrofuran	7.610	42	580327	307.125	ug/l	87
30) Chloroform	7.745	83	286608	55.553	ug/l	97
31) Cyclohexane	8.022	56	238019	47.065	ug/l	91
32) 1,1,1-Trichloroethane	7.945	97	245513	53.399	ug/l	99
36) 1,1-Dichloropropene	8.151	75	197839	50.875	ug/l	99
37) Ethyl Acetate	7.334	43	318600	54.223	ug/l	96
38) Carbon Tetrachloride	8.134	117	201774	50.175	ug/l	96
39) Methylcyclohexane	9.392	83	231646	47.847	ug/l	93
40) Benzene	8.386	78	618285	51.519	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073395.D
 Acq On : 08 Jul 2022 16:06
 Operator : JC\MD
 Sample : N3616-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OW-03B-49-54-070622MSD

Quant Time: Jul 09 05:26:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	166519	58.435	ug/l #	86
42) 1,2-Dichloroethane	8.463	62	230811	53.056	ug/l	97
43) Isopropyl Acetate	8.492	43	473428	56.064	ug/l	93
44) Trichloroethene	9.145	130	153005	50.099	ug/l	96
45) 1,2-Dichloropropane	9.428	63	165930	54.245	ug/l	95
46) Dibromomethane	9.510	93	109951	52.939	ug/l	93
47) Bromodichloromethane	9.698	83	223649	55.598	ug/l	98
48) Methyl methacrylate	9.498	41	216885	55.471	ug/l	91
49) 1,4-Dioxane	9.504	88	88696	1194.968	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	1627670	303.948	ug/l	91
52) Toluene	10.445	92	383678	51.731	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	245081	55.344	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	259868	54.356	ug/l #	90
55) 1,1,2-Trichloroethane	10.839	97	162418	53.194	ug/l	97
56) Ethyl methacrylate	10.704	69	281020	56.942	ug/l	87
57) 1,3-Dichloropropane	10.986	76	277129	52.946	ug/l	100
59) 2-Hexanone	11.027	43	1281972	314.052	ug/l	89
60) Dibromochloromethane	11.180	129	165770	56.944	ug/l	99
61) 1,2-Dibromoethane	11.286	107	168965	55.402	ug/l	99
64) Tetrachloroethene	10.916	164	135981	47.730	ug/l	93
65) Chlorobenzene	11.710	112	404699	51.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	152891	52.679	ug/l	97
67) Ethyl Benzene	11.786	91	758272	52.933	ug/l	99
68) m/p-Xylenes	11.892	106	562027	103.958	ug/l	95
69) o-Xylene	12.221	106	286184	51.854	ug/l	97
70) Styrene	12.233	104	471951	55.387	ug/l	98
71) Bromoform	12.398	173	122804	57.826	ug/l #	97
73) Isopropylbenzene	12.516	105	744339	50.408	ug/l	98
74) N-amyl acetate	12.327	43	380990	51.527	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	261050	53.275	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	227473m	50.874	ug/l	
77) Bromobenzene	12.798	156	169561	49.389	ug/l	85
78) n-propylbenzene	12.857	91	859174	52.375	ug/l	97
79) 2-Chlorotoluene	12.945	91	519020	49.990	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	616161	51.194	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	85410	52.386	ug/l	93
82) 4-Chlorotoluene	13.045	91	504384	50.180	ug/l	98
83) tert-Butylbenzene	13.263	119	539150	49.966	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	607306	50.539	ug/l	97
85) sec-Butylbenzene	13.439	105	762303	52.612	ug/l	98
86) p-Isopropyltoluene	13.557	119	616248	52.650	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	307253	49.886	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	300701	48.727	ug/l	97
89) n-Butylbenzene	13.880	91	513248	52.623	ug/l	98
90) Hexachloroethane	14.145	117	113732	52.140	ug/l	86
91) 1,2-Dichlorobenzene	13.927	146	316804	50.494	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	67538	56.708	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	167508	51.275	ug/l	98
94) Hexachlorobutadiene	15.298	225	72771	50.109	ug/l	96
95) Naphthalene	15.433	128	674802	51.202	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	170336	50.545	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
Data File : VN073395.D
Acq On : 08 Jul 2022 16:06
Operator : JC\MD
Sample : N3616-03MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OW-03B-49-54-070622MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

Quant Time: Jul 09 05:26:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

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

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

