

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074328.D
 Acq On : 03 Sep 2022 19:46
 Operator : JC\MD
 Sample : N4360-13MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20220823MSD

Quant Time: Sep 05 05:39:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/06/2022
 Supervised By : Mahesh Dadoda 09/07/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	658813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	1313806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	1250890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	562928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	551044	53.657	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.320%			
35) Dibromofluoromethane	7.951	113	433220	49.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.520%			
50) Toluene-d8	10.380	98	1641188	47.807	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.620%			
62) 4-Bromofluorobenzene	12.668	95	576527	46.129	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.040	85	338777	54.299	ug/l	99
3) Chloromethane	2.269	50	326596	36.285	ug/l	96
4) Vinyl Chloride	2.404	62	658240	39.300	ug/l	97
5) Bromomethane	2.775	94	321045	28.513	ug/l	99
6) Chloroethane	2.934	64	524397	39.755	ug/l	98
7) Trichlorofluoromethane	3.304	101	513218	43.353	ug/l	96
8) Diethyl Ether	3.763	74	233331	48.408	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.128	101	290569	40.477	ug/l	92
10) Methyl Iodide	4.345	142	199173	40.416	ug/l #	90
11) Tert butyl alcohol	5.287	59	552036	296.289	ug/l	99
12) 1,1-Dichloroethene	4.110	96	297130	45.819	ug/l	94
13) Acrolein	3.981	56	260437	207.684	ug/l	96
14) Allyl chloride	4.751	41	415085	39.802	ug/l	92
15) Acrylonitrile	5.469	53	1402599	273.725	ug/l	97
16) Acetone	4.216	43	1191757	277.667	ug/l	97
17) Carbon Disulfide	4.451	76	669138	41.317	ug/l	99
18) Methyl Acetate	4.775	43	397344	30.760	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	1436202	55.874	ug/l	95
20) Methylene Chloride	5.004	84	394520	49.958	ug/l	97
21) trans-1,2-Dichloroethene	5.516	96	355834	47.871	ug/l	97
22) Diisopropyl ether	6.410	45	1374493	56.139	ug/l	99
23) Vinyl Acetate	6.351	43	3585680m	168.496	ug/l	
24) 1,1-Dichloroethane	6.304	63	754452	51.158	ug/l	98
25) 2-Butanone	7.257	43	2009489	277.257	ug/l	99
26) 2,2-Dichloropropane	7.251	77	293291	24.478	ug/l	93
27) cis-1,2-Dichloroethene	7.245	96	469274	49.631	ug/l	95
28) Bromochloromethane	7.586	49	317268	62.008	ug/l	87
29) Tetrahydrofuran	7.604	42	1354914	292.988	ug/l	98
30) Chloroform	7.745	83	875018	53.638	ug/l	96
31) Cyclohexane	8.022	56	554259	40.409	ug/l	98
32) 1,1,1-Trichloroethane	7.945	97	709003	52.398	ug/l	99
36) 1,1-Dichloropropene	8.151	75	539308	43.647	ug/l	97
37) Ethyl Acetate	7.339	43	493326	30.526	ug/l	97
38) Carbon Tetrachloride	8.133	117	559524	44.824	ug/l	99
39) Methylcyclohexane	9.392	83	555185	37.293	ug/l	97
40) Benzene	8.386	78	1807665	46.374	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074328.D
 Acq On : 03 Sep 2022 19:46
 Operator : JC\MD
 Sample : N4360-13MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20220823MSD

Quant Time: Sep 05 05:39:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/06/2022
 Supervised By :Mahesh Dadoda 09/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	356997m	49.117	ug/l	
42) 1,2-Dichloroethane	8.463	62	674228	46.499	ug/l	98
43) Isopropyl Acetate	8.492	43	829536	35.323	ug/l	97
44) Trichloroethene	9.151	130	555118	59.841	ug/l	91
45) 1,2-Dichloropropane	9.427	63	462812	47.732	ug/l	96
46) Dibromomethane	9.516	93	346955	46.928	ug/l #	86
47) Bromodichloromethane	9.698	83	691376	50.998	ug/l	97
48) Methyl methacrylate	9.498	41	527057	51.069	ug/l #	89
49) 1,4-Dioxane	9.504	88	277331	1044.110	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	4444432	270.535	ug/l	98
52) Toluene	10.445	92	1158344	48.088	ug/l	96
53) t-1,3-Dichloropropene	10.657	75	520761	37.728	ug/l	95
54) cis-1,3-Dichloropropene	10.127	75	542113	35.798	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	508264	49.179	ug/l	94
56) Ethyl methacrylate	10.704	69	853660	55.482	ug/l	95
57) 1,3-Dichloropropane	10.986	76	871978	49.334	ug/l	99
59) 2-Hexanone	11.027	43	3437220	276.448	ug/l	98
60) Dibromochloromethane	11.180	129	533842	52.049	ug/l	100
61) 1,2-Dibromoethane	11.286	107	521245	50.341	ug/l	99
64) Tetrachloroethene	10.916	164	318656	40.524	ug/l	92
65) Chlorobenzene	11.710	112	1239616	45.146	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	476939	46.940	ug/l	98
67) Ethyl Benzene	11.786	91	2277901	45.189	ug/l	99
68) m/p-Xylenes	11.892	106	1684732	89.532	ug/l	95
69) o-Xylene	12.221	106	874225	46.549	ug/l	97
70) Styrene	12.233	104	1503660	49.999	ug/l	99
71) Bromoform	12.398	173	386685	52.551	ug/l #	100
73) Isopropylbenzene	12.516	105	2241330	45.469	ug/l	98
74) N-amyl acetate	12.327	43	630426	29.987	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.768	83	893717	48.864	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	705168m	44.230	ug/l	
77) Bromobenzene	12.798	156	497051	45.425	ug/l	84
78) n-propylbenzene	12.857	91	2590669	45.978	ug/l	96
79) 2-Chlorotoluene	12.945	91	1551619	44.852	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	1875186	47.445	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	149557	30.452	ug/l	96
82) 4-Chlorotoluene	13.045	91	1516235	46.687	ug/l	98
83) tert-Butylbenzene	13.263	119	1616167	45.054	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	1875558	46.847	ug/l	96
85) sec-Butylbenzene	13.439	105	2285426	45.635	ug/l	96
86) p-Isopropyltoluene	13.551	119	1865575	47.818	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	922000	46.030	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	893315	44.758	ug/l	97
89) n-Butylbenzene	13.880	91	1549944	45.537	ug/l	96
90) Hexachloroethane	14.151	117	337442	44.463	ug/l	81
91) 1,2-Dichlorobenzene	13.927	146	936505	44.602	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	196754	49.555	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	487422	46.942	ug/l	98
94) Hexachlorobutadiene	15.298	225	178619	40.967	ug/l	99
95) Naphthalene	15.433	128	2036271	49.980	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	502488	47.474	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
Data File : VN074328.D
Acq On : 03 Sep 2022 19:46
Operator : JC\MD
Sample : N4360-13MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20220823MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/06/2022
Supervised By :Mahesh Dadoda 09/07/2022

Quant Time: Sep 05 05:39:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 03 04:35:33 2022
Response via : Initial Calibration

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

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

