

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040522\
 Data File : VN071861.D
 Acq On : 05 Apr 2022 17:12
 Operator : JC\MD
 Sample : N2258-11MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TW-E5MSD

Quant Time: Apr 06 06:42:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	515993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	830135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	771370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	310547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	303144	51.462	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.920%			
35) Dibromofluoromethane	8.016	113	261297	53.491	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.980%			
50) Toluene-d8	10.439	98	1050801	52.585	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.180%			
62) 4-Bromofluorobenzene	12.727	95	346678	53.642	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	188440	45.936	ug/l	98
3) Chloromethane	2.299	50	226544	43.581	ug/l	96
4) Vinyl Chloride	2.440	62	254785	44.633	ug/l	99
5) Bromomethane	2.828	94	159272	42.920	ug/l	97
6) Chloroethane	2.999	64	167694	40.835	ug/l	98
7) Trichlorofluoromethane	3.363	101	345824	47.616	ug/l	97
8) Diethyl Ether	3.822	74	160480	52.284	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.204	101	216909	48.465	ug/l	99
10) Methyl Iodide	4.422	142	301112	48.129	ug/l	99
11) Tert butyl alcohol	5.363	59	274962	287.630	ug/l	99
12) 1,1-Dichloroethene	4.181	96	208333	48.916	ug/l	97
13) Acrolein	4.040	56	314676	269.969	ug/l	98
14) Allyl chloride	4.834	41	351546	50.855	ug/l	93
15) Acrylonitrile	5.551	53	809553	291.348	ug/l	98
16) Acetone	4.281	43	593178	235.626	ug/l	93
17) Carbon Disulfide	4.528	76	434875	44.502	ug/l	99
18) Methyl Acetate	4.851	43	316952	50.869	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	827015	52.268	ug/l	98
20) Methylene Chloride	5.098	84	268149	50.535	ug/l	95
21) trans-1,2-Dichloroethene	5.593	96	224959	48.115	ug/l	99
22) Diisopropyl ether	6.492	45	792711	52.675	ug/l	97
23) Vinyl Acetate	6.428	43	3118243	260.563	ug/l	100
24) 1,1-Dichloroethane	6.387	63	456423	51.663	ug/l	99
25) 2-Butanone	7.328	43	994883	274.131	ug/l	98
26) 2,2-Dichloropropane	7.322	77	336335	44.316	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	292334	50.988	ug/l	97
28) Bromochloromethane	7.651	49	175630	49.281	ug/l	99
29) Tetrahydrofuran	7.681	42	657294	279.704	ug/l	98
30) Chloroform	7.816	83	472901	50.694	ug/l	99
31) Cyclohexane	8.092	56	370352	46.231	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	398588	49.945	ug/l	99
36) 1,1-Dichloropropene	8.216	75	324720	47.602	ug/l	100
37) Ethyl Acetate	7.410	43	376263	50.394	ug/l	99
38) Carbon Tetrachloride	8.204	117	330701	49.466	ug/l	97
39) Methylcyclohexane	9.457	83	390497	48.090	ug/l	98
40) Benzene	8.457	78	1070002	49.655	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	209322	57.257	ug/l	91
42) 1,2-Dichloroethane	8.528	62	356345	47.804	ug/l	97
43) Isopropyl Acetate	8.557	43	575984	46.380	ug/l	97
44) Trichloroethene	9.210	130	268934	48.442	ug/l	99
45) 1,2-Dichloropropane	9.486	63	279765	51.969	ug/l	98
46) Dibromomethane	9.575	93	181998	49.793	ug/l	98
47) Bromodichloromethane	9.757	83	373465	51.907	ug/l	99
48) Methyl methacrylate	9.557	41	283407	55.005	ug/l	94
49) 1,4-Dioxane	9.563	88	136340	1117.016	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	2013001	281.926	ug/l	97
52) Toluene	10.504	92	703819	51.669	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	396587	52.593	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	432018	51.851	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	291829	52.055	ug/l	98
56) Ethyl methacrylate	10.757	69	460118	57.533	ug/l	94
57) 1,3-Dichloropropane	11.039	76	490615	52.342	ug/l	99
59) 2-Hexanone	11.080	43	1457758	289.982	ug/l	96
60) Dibromochloromethane	11.233	129	303692	55.557	ug/l	100
61) 1,2-Dibromoethane	11.339	107	291295	52.786	ug/l	99
64) Tetrachloroethene	10.975	164	229105	44.979	ug/l	99
65) Chlorobenzene	11.763	112	767577	49.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	284287	51.007	ug/l	99
67) Ethyl Benzene	11.839	91	1332176	50.949	ug/l	100
68) m/p-Xylenes	11.951	106	1007643	100.299	ug/l	99
69) o-Xylene	12.274	106	518807	52.028	ug/l	97
70) Styrene	12.292	104	827302	54.757	ug/l	99
71) Bromoform	12.451	173	237324	55.916	ug/l #	100
73) Isopropylbenzene	12.574	105	1308072	49.986	ug/l	100
74) N-amyl acetate	12.380	43	395768	52.784	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	448346	51.348	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	382486m	53.167	ug/l	
77) Bromobenzene	12.857	156	316781	48.289	ug/l	98
78) n-propylbenzene	12.916	91	1407795	51.142	ug/l	100
79) 2-Chlorotoluene	13.004	91	878464	49.761	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	1049144	50.600	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	122730	52.868	ug/l	97
82) 4-Chlorotoluene	13.098	91	825368	50.440	ug/l	99
83) tert-Butylbenzene	13.316	119	960189	50.661	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1035068	51.165	ug/l	100
85) sec-Butylbenzene	13.498	105	1271860	51.766	ug/l	99
86) p-Isopropyltoluene	13.610	119	1029275	52.541	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	513374	49.121	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	500325	49.070	ug/l	99
89) n-Butylbenzene	13.939	91	753202	51.839	ug/l	99
90) Hexachloroethane	14.204	117	193079	53.842	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	509745	49.682	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	74852	55.268	ug/l	97
93) 1,2,4-Trichlorobenzene	15.257	180	242263	49.059	ug/l	99
94) Hexachlorobutadiene	15.363	225	132168	43.676	ug/l	99
95) Naphthalene	15.504	128	744667	52.456	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	247093	51.533	ug/l	99

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

