

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061924\
 Data File : VN082654.D
 Acq On : 19 Jun 2024 20:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2024
 Supervised By : Mahesh Dadoda 06/20/2024

Quant Time: Jun 20 03:07:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	180508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	304097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	282548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147530	50.966	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.940%			
35) Dibromofluoromethane	8.171	113	103194	50.022	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.040%			
50) Toluene-d8	10.570	98	399380	51.193	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.380%			
62) 4-Bromofluorobenzene	12.853	95	136722	50.833	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 101.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	113808	45.144	ug/l	99
3) Chloromethane	2.359	50	129646	42.899	ug/l	98
4) Vinyl Chloride	2.512	62	129831	45.142	ug/l	100
5) Bromomethane	2.936	94	77277	41.740	ug/l	98
6) Chloroethane	3.106	64	100030	48.775	ug/l	93
7) Trichlorofluoromethane	3.489	101	180607	48.134	ug/l	99
8) Diethyl Ether	3.965	74	63243	49.492	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	102309	48.679	ug/l	99
10) Methyl Iodide	4.589	142	115142	57.514	ug/l	97
11) Tert butyl alcohol	5.530	59	116344	245.576	ug/l	99
12) 1,1-Dichloroethene	4.336	96	93850	46.696	ug/l	94
13) Acrolein	4.177	56	105455	218.511	ug/l	95
14) Allyl chloride	5.024	41	167025	42.493	ug/l	97
15) Acrylonitrile	5.724	53	310840	248.563	ug/l	100
16) Acetone	4.430	43	301896	229.322	ug/l	99
17) Carbon Disulfide	4.706	76	282691	44.290	ug/l	99
18) Methyl Acetate	5.030	43	170044	52.812	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	336572	48.923	ug/l	99
20) Methylene Chloride	5.283	84	109528	47.323	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	98646	46.183	ug/l	97
22) Diisopropyl ether	6.677	45	406234	49.281	ug/l	99
23) Vinyl Acetate	6.606	43	1610361	246.351	ug/l	100
24) 1,1-Dichloroethane	6.571	63	211483	47.360	ug/l	100
25) 2-Butanone	7.488	43	454544	242.916	ug/l	100
26) 2,2-Dichloropropane	7.494	77	127757	32.980	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	120201	46.704	ug/l	94
28) Bromochloromethane	7.818	49	100345	49.240	ug/l	99
29) Tetrahydrofuran	7.841	42	310929	271.434	ug/l	99
30) Chloroform	7.971	83	210980	48.435	ug/l	98
31) Cyclohexane	8.259	56	182598	43.709	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	187232	47.400	ug/l	99
36) 1,1-Dichloropropene	8.371	75	146934	47.646	ug/l	99
37) Ethyl Acetate	7.565	43	186725	47.533	ug/l	100
38) Carbon Tetrachloride	8.365	117	162077	46.635	ug/l	98
39) Methylcyclohexane	9.606	83	149533	46.074	ug/l	98
40) Benzene	8.606	78	455218	47.772	ug/l	100

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41) Methacrylonitrile	7.782	41	99953	49.777	ug/l	98
42) 1,2-Dichloroethane	8.671	62	173467	47.859	ug/l	100
43) Isopropyl Acetate	8.694	43	342387	46.638	ug/l	98
44) Trichloroethene	9.353	130	100378	45.365	ug/l	100
45) 1,2-Dichloropropane	9.623	63	116825	47.630	ug/l	98
46) Dibromomethane	9.712	93	80182	48.226	ug/l	99
47) Bromodichloromethane	9.888	83	171467	48.373	ug/l	100
48) Methyl methacrylate	9.682	41	152017	50.230	ug/l	99
49) 1,4-Dioxane	9.700	88	52958	1118.702	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	993448	263.829	ug/l	100
52) Toluene	10.635	92	287742	49.827	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	172150	47.507	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	177473	47.361	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	107300	51.336	ug/l	97
56) Ethyl methacrylate	10.876	69	183340	52.961	ug/l	99
57) 1,3-Dichloropropane	11.165	76	190013	49.175	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	499153	272.569	ug/l	98
59) 2-Hexanone	11.200	43	759539	265.392	ug/l	99
60) Dibromochloromethane	11.359	129	130313	51.074	ug/l	98
61) 1,2-Dibromoethane	11.470	107	108370	49.176	ug/l	97
64) Tetrachloroethene	11.106	164	94120	40.401	ug/l	95
65) Chlorobenzene	11.894	112	306964	47.376	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	112980	48.901	ug/l	99
67) Ethyl Benzene	11.965	91	547879	49.626	ug/l	100
68) m/p-Xylenes	12.076	106	419183	102.059	ug/l	100
69) o-Xylene	12.400	106	200956	52.077	ug/l	97
70) Styrene	12.412	104	353371	53.955	ug/l	99
71) Bromoform	12.582	173	91739	50.223	ug/l #	100
73) Isopropylbenzene	12.700	105	509425	47.409	ug/l	99
74) N-amyl acetate	12.494	43	286541	49.967	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	165984	47.356	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	158310m	45.741	ug/l	
77) Bromobenzene	12.982	156	127550	46.116	ug/l	99
78) n-propylbenzene	13.035	91	619793	48.763	ug/l	100
79) 2-Chlorotoluene	13.129	91	375902	47.160	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	437892	50.217	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	59082	40.841	ug/l	89
82) 4-Chlorotoluene	13.223	91	377390	47.396	ug/l	99
83) tert-Butylbenzene	13.441	119	366372	49.324	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	443661	50.718	ug/l	100
85) sec-Butylbenzene	13.617	105	512546	48.587	ug/l	100
86) p-Isopropyltoluene	13.729	119	432578	50.922	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	232673	46.397	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	234411	44.720	ug/l	99
89) n-Butylbenzene	14.059	91	360290	47.814	ug/l	100
90) Hexachloroethane	14.335	117	87348	47.258	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	225998	46.155	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	35152	47.389	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	111780	43.292	ug/l	99
94) Hexachlorobutadiene	15.505	225	48742	38.287	ug/l	98
95) Naphthalene	15.641	128	390880	49.207	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	117743	44.747	ug/l	98

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

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