

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060524\
 Data File : VN082477.D
 Acq On : 05 Jun 2024 17:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 01:00:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	159735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	279569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	259521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133400	52.889	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.780%			
35) Dibromofluoromethane	8.165	113	96285	55.987	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.980%			
50) Toluene-d8	10.571	98	340098	51.581	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.160%			
62) 4-Bromofluorobenzene	12.853	95	133033	56.529	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 113.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	101961	44.273	ug/l	99
3) Chloromethane	2.365	50	115033	44.074	ug/l	99
4) Vinyl Chloride	2.512	62	116291	47.395	ug/l	97
5) Bromomethane	2.930	94	62225	44.121	ug/l	99
6) Chloroethane	3.106	64	84190	52.548	ug/l	95
7) Trichlorofluoromethane	3.489	101	168467	52.433	ug/l	97
8) Diethyl Ether	3.959	74	65369	57.111	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.365	101	100216	53.395	ug/l	98
10) Methyl Iodide	4.589	142	96800	51.303	ug/l	93
11) Tert butyl alcohol	5.530	59	131435	324.629	ug/l	99
12) 1,1-Dichloroethene	4.336	96	89661	51.396	ug/l #	81
13) Acrolein	4.177	56	76736	255.761	ug/l	98
14) Allyl chloride	5.024	41	187022	50.073	ug/l #	91
15) Acrylonitrile	5.718	53	339750	324.008	ug/l	100
16) Acetone	4.430	43	316883	306.264	ug/l	90
17) Carbon Disulfide	4.712	76	211548	37.546	ug/l	99
18) Methyl Acetate	5.024	43	192104	74.553	ug/l #	86
19) Methyl tert-butyl Ether	5.794	73	383821	60.193	ug/l	97
20) Methylene Chloride	5.277	84	113689	54.460	ug/l #	76
21) trans-1,2-Dichloroethene	5.783	96	96954	51.000	ug/l #	82
22) Diisopropyl ether	6.677	45	454778	58.311	ug/l #	92
23) Vinyl Acetate	6.606	43	1779438	289.385	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	228553	56.856	ug/l	96
25) 2-Butanone	7.482	43	506033	322.575	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	189778	56.364	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	126184	56.243	ug/l	83
28) Bromochloromethane	7.818	49	84545	48.316	ug/l #	75
29) Tetrahydrofuran	7.841	42	337113	334.699	ug/l #	82
30) Chloroform	7.971	83	225525	58.749	ug/l	100
31) Cyclohexane	8.259	56	170158	42.239	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	194043	56.977	ug/l	94
36) 1,1-Dichloropropene	8.371	75	146230	50.698	ug/l	95
37) Ethyl Acetate	7.565	43	199400	61.773	ug/l #	93
38) Carbon Tetrachloride	8.365	117	161960	55.392	ug/l	96
39) Methylcyclohexane	9.606	83	149469	47.276	ug/l #	86
40) Benzene	8.606	78	462741	53.800	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	111926	58.959	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	185763	56.156	ug/l	95
43) Isopropyl Acetate	8.688	43	432229	75.569	ug/l #	82
44) Trichloroethene	9.353	130	101405	51.902	ug/l	97
45) 1,2-Dichloropropane	9.624	63	126208	56.871	ug/l	97
46) Dibromomethane	9.712	93	83005	56.971	ug/l	98
47) Bromodichloromethane	9.894	83	184642	60.031	ug/l	99
48) Methyl methacrylate	9.682	41	167667	61.520	ug/l #	82
49) 1,4-Dioxane	9.700	88	54418	1424.901	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1091890	335.993	ug/l	90
52) Toluene	10.635	92	287073	55.617	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	192834	60.619	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	197371	58.616	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	114575	61.082	ug/l	98
56) Ethyl methacrylate	10.876	69	200701	63.022	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	207177	59.073	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	482837	293.938	ug/l	89
59) 2-Hexanone	11.200	43	821482	345.236	ug/l	89
60) Dibromochloromethane	11.359	129	138846	67.075	ug/l	100
61) 1,2-Dibromoethane	11.470	107	114314	59.333	ug/l	99
64) Tetrachloroethene	11.106	164	87686	45.585	ug/l	98
65) Chlorobenzene	11.894	112	313923	54.755	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	117227	62.075	ug/l	99
67) Ethyl Benzene	11.965	91	566087	55.196	ug/l	96
68) m/p-Xylenes	12.076	106	424710	112.990	ug/l	95
69) o-Xylene	12.400	106	206450	56.700	ug/l	92
70) Styrene	12.412	104	362545	59.946	ug/l	96
71) Bromoform	12.582	173	97348	64.605	ug/l #	99
73) Isopropylbenzene	12.700	105	538296	51.527	ug/l	98
74) N-amyl acetate	12.494	43	323043	56.217	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	183155	60.820	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	171031m	61.795	ug/l	
77) Bromobenzene	12.982	156	132709	53.305	ug/l	86
78) n-propylbenzene	13.041	91	641019	51.817	ug/l	97
79) 2-Chlorotoluene	13.129	91	402544	51.820	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	452243	53.537	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	70995	59.997	ug/l #	76
82) 4-Chlorotoluene	13.223	91	399055	52.542	ug/l	95
83) tert-Butylbenzene	13.441	119	385695	52.191	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	461254	53.372	ug/l	97
85) sec-Butylbenzene	13.617	105	547463	53.446	ug/l	98
86) p-Isopropyltoluene	13.729	119	457194	54.920	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	248186	55.025	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	242008	52.571	ug/l	97
89) n-Butylbenzene	14.059	91	395819	52.901	ug/l	98
90) Hexachloroethane	14.335	117	89522	58.042	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	239423	56.079	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39911	64.505	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	126058	52.674	ug/l	99
94) Hexachlorobutadiene	15.506	225	52096	49.610	ug/l	97
95) Naphthalene	15.647	128	441172	58.824	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	129308	53.974	ug/l	97

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

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