

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071924\
 Data File : VN082979.D
 Acq On : 19 Jul 2024 10:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 22 01:58:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/22/2024
 Supervised By : Mahesh Dadoda 07/22/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	93445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	156184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	147976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	76051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	67230	51.324	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.640%			
35) Dibromofluoromethane	8.171	113	52243	52.129	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.260%			
50) Toluene-d8	10.565	98	200276	54.106	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.220%			
62) 4-Bromofluorobenzene	12.847	95	66961	50.360	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.720%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	58369	48.247	ug/l	100
3) Chloromethane	2.365	50	48175	41.990	ug/l	99
4) Vinyl Chloride	2.518	62	56365	46.778	ug/l	100
5) Bromomethane	2.948	94	39164	45.079	ug/l	95
6) Chloroethane	3.118	64	44674	54.179	ug/l	95
7) Trichlorofluoromethane	3.495	101	90333	52.123	ug/l	96
8) Diethyl Ether	3.965	74	29073	49.017	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	53249	54.288	ug/l	100
10) Methyl Iodide	4.583	142	52514	52.220	ug/l	98
11) Tert butyl alcohol	5.524	59	41191	186.961	ug/l	99
12) 1,1-Dichloroethene	4.348	96	47234	49.516	ug/l	85
13) Acrolein	4.183	56	34355	215.982	ug/l	100
14) Allyl chloride	5.024	41	66316	44.587	ug/l #	93
15) Acrylonitrile	5.718	53	126000	248.850	ug/l	99
16) Acetone	4.430	43	102902	223.125	ug/l	95
17) Carbon Disulfide	4.712	76	124802	43.783	ug/l	99
18) Methyl Acetate	5.018	43	70124	57.463	ug/l #	90
19) Methyl tert-butyl Ether	5.795	73	169343	51.463	ug/l	100
20) Methylene Chloride	5.277	84	56964	51.145	ug/l #	85
21) trans-1,2-Dichloroethene	5.789	96	51771	50.088	ug/l	91
22) Diisopropyl ether	6.671	45	174316	56.020	ug/l #	95
23) Vinyl Acetate	6.600	43	634342	256.706	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	103083	54.614	ug/l #	97
25) 2-Butanone	7.483	43	165892	238.226	ug/l	91
26) 2,2-Dichloropropane	7.489	77	96627	55.061	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	64260	53.104	ug/l	91
28) Bromochloromethane	7.812	49	45179	55.796	ug/l	84
29) Tetrahydrofuran	7.841	42	109366	249.467	ug/l #	84
30) Chloroform	7.965	83	114049	56.957	ug/l	98
31) Cyclohexane	8.259	56	78249	45.692	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	99948	53.762	ug/l	95
36) 1,1-Dichloropropene	8.371	75	75864	54.904	ug/l	99
37) Ethyl Acetate	7.559	43	72137	51.279	ug/l	99
38) Carbon Tetrachloride	8.365	117	88236	53.036	ug/l	95
39) Methylcyclohexane	9.606	83	72974	48.892	ug/l	90
40) Benzene	8.606	78	236053	55.537	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	38743	51.120	ug/l #	92
42) 1,2-Dichloroethane	8.671	62	85438	55.837	ug/l	98
43) Isopropyl Acetate	8.688	43	126375	47.494	ug/l #	93
44) Trichloroethene	9.353	130	55963	51.393	ug/l	100
45) 1,2-Dichloropropane	9.624	63	58953	59.411	ug/l	98
46) Dibromomethane	9.706	93	43559	56.347	ug/l	99
47) Bromodichloromethane	9.888	83	94129	58.930	ug/l	96
48) Methyl methacrylate	9.682	41	56842	51.531	ug/l #	87
49) 1,4-Dioxane	9.694	88	21458	892.038	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	379379	272.027	ug/l	94
52) Toluene	10.629	92	151638	57.113	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	92668	56.316	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	96865	55.614	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	58273	59.686	ug/l	95
56) Ethyl methacrylate	10.877	69	87039	57.302	ug/l	86
57) 1,3-Dichloropropane	11.165	76	98349	56.908	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	243831	312.837	ug/l	97
59) 2-Hexanone	11.194	43	282763	272.704	ug/l	93
60) Dibromochloromethane	11.359	129	72577	58.365	ug/l	98
61) 1,2-Dibromoethane	11.471	107	57208	55.177	ug/l	96
64) Tetrachloroethene	11.106	164	55292	50.083	ug/l	98
65) Chlorobenzene	11.894	112	167623	52.863	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	62085	55.046	ug/l	99
67) Ethyl Benzene	11.965	91	288228	54.083	ug/l	100
68) m/p-Xylenes	12.071	106	228766	113.700	ug/l	95
69) o-Xylene	12.400	106	106130	55.050	ug/l	95
70) Styrene	12.412	104	188078	59.043	ug/l	98
71) Bromoform	12.576	173	47562	53.621	ug/l #	99
73) Isopropylbenzene	12.694	105	270557	48.959	ug/l	99
74) N-amyl acetate	12.494	43	110174	48.198	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	82520	49.860	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	72981m	55.661	ug/l	
77) Bromobenzene	12.982	156	68464	48.023	ug/l	94
78) n-propylbenzene	13.035	91	329593	51.873	ug/l	99
79) 2-Chlorotoluene	13.123	91	196347	48.500	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	231912	51.917	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	32142	48.212	ug/l	96
82) 4-Chlorotoluene	13.223	91	203191	50.707	ug/l	98
83) tert-Butylbenzene	13.441	119	190675	48.148	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	237441	52.152	ug/l	98
85) sec-Butylbenzene	13.618	105	271286	50.693	ug/l	99
86) p-Isopropyltoluene	13.729	119	227899	51.042	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	126709	49.199	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	129314	48.551	ug/l	100
89) n-Butylbenzene	14.059	91	195538	51.118	ug/l	99
90) Hexachloroethane	14.335	117	45561	48.225	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	124555	49.811	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	16711	43.644	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	59834	44.422	ug/l	98
94) Hexachlorobutadiene	15.500	225	26085	43.685	ug/l	98
95) Naphthalene	15.641	128	198874	43.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	62246	44.946	ug/l	97

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

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