

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081945.D
 Acq On : 01 May 2024 10:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 02 01:21:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/02/2024
 Supervised By : Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	214632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	407658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	362145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	172611	47.651	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.300%		
35) Dibromofluoromethane	8.165	113	128809	52.480	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.960%		
50) Toluene-d8	10.565	98	535101	55.510	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	111.020%		
62) 4-Bromofluorobenzene	12.853	95	187565	49.222	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	98.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	135329	44.916	ug/l	95
3) Chloromethane	2.360	50	138299	44.000	ug/l	92
4) Vinyl Chloride	2.512	62	137023	48.159	ug/l	94
5) Bromomethane	2.942	94	63625	52.854	ug/l	91
6) Chloroethane	3.118	64	72406	50.351	ug/l #	87
7) Trichlorofluoromethane	3.495	101	198391	45.076	ug/l	99
8) Diethyl Ether	3.954	74	96130	51.416	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	130380	51.024	ug/l	92
10) Methyl Iodide	4.583	142	132804	59.338	ug/l	90
11) Tert butyl alcohol	5.518	59	162018	246.033	ug/l	100
12) 1,1-Dichloroethene	4.342	96	132851	51.105	ug/l	90
13) Acrolein	4.177	56	128023	249.184	ug/l	99
14) Allyl chloride	5.024	41	234640	42.671	ug/l	91
15) Acrylonitrile	5.712	53	407586	257.758	ug/l	98
16) Acetone	4.424	43	276339	258.153	ug/l	94
17) Carbon Disulfide	4.712	76	340654	43.599	ug/l	99
18) Methyl Acetate	5.030	43	186783	50.907	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	473089	48.229	ug/l	97
20) Methylene Chloride	5.277	84	150346	48.430	ug/l #	80
21) trans-1,2-Dichloroethene	5.789	96	132658	46.803	ug/l #	84
22) Diisopropyl ether	6.671	45	522002	49.059	ug/l	95
23) Vinyl Acetate	6.600	43	2118320	245.019	ug/l	95
24) 1,1-Dichloroethane	6.571	63	271554	49.033	ug/l	98
25) 2-Butanone	7.483	43	522996	254.376	ug/l	90
26) 2,2-Dichloropropane	7.489	77	236018	46.327	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	172457	52.069	ug/l	91
28) Bromochloromethane	7.812	49	118324	44.953	ug/l	83
29) Tetrahydrofuran	7.841	42	358005	242.818	ug/l	91
30) Chloroform	7.965	83	260429	47.441	ug/l	98
31) Cyclohexane	8.259	56	250484	45.901	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	215175	43.953	ug/l	95
36) 1,1-Dichloropropene	8.371	75	189857	47.546	ug/l	97
37) Ethyl Acetate	7.559	43	225756	52.290	ug/l	99
38) Carbon Tetrachloride	8.365	117	177213	45.408	ug/l	94
39) Methylcyclohexane	9.600	83	232120	47.865	ug/l #	89
40) Benzene	8.606	78	614898	51.297	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	116871	42.424	ug/l	95
42) 1,2-Dichloroethane	8.671	62	204725	45.994	ug/l	98
43) Isopropyl Acetate	8.688	43	407443	50.191	ug/l	93
44) Trichloroethene	9.353	130	135147	48.901	ug/l	90
45) 1,2-Dichloropropane	9.624	63	159978	50.995	ug/l	97
46) Dibromomethane	9.712	93	100002	46.120	ug/l	91
47) Bromodichloromethane	9.888	83	206558	45.171	ug/l	97
48) Methyl methacrylate	9.683	41	180564	46.593	ug/l	90
49) 1,4-Dioxane	9.700	88	65497	1111.969	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	1150592	251.775	ug/l	95
52) Toluene	10.630	92	367129	51.143	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	238658	47.965	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	254658	49.659	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	138972	49.225	ug/l	97
56) Ethyl methacrylate	10.877	69	262811	48.888	ug/l	90
57) 1,3-Dichloropropane	11.165	76	255576	50.919	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	621325	253.707	ug/l	92
59) 2-Hexanone	11.194	43	889174	261.449	ug/l	96
60) Dibromochloromethane	11.359	129	152527	51.009	ug/l	100
61) 1,2-Dibromoethane	11.471	107	139005	51.487	ug/l	99
64) Tetrachloroethene	11.106	164	120214	45.704	ug/l	95
65) Chlorobenzene	11.894	112	391474	49.500	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	126816	49.340	ug/l	96
67) Ethyl Benzene	11.965	91	712457	48.441	ug/l	98
68) m/p-Xylenes	12.071	106	531294	101.273	ug/l	96
69) o-Xylene	12.400	106	257619	50.298	ug/l	95
70) Styrene	12.412	104	447727	50.532	ug/l	96
71) Bromoform	12.582	173	92603	45.828	ug/l #	97
73) Isopropylbenzene	12.700	105	659100	48.101	ug/l	99
74) N-amyl acetate	12.494	43	360492	47.254	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	202762	49.276	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	187585m	46.944	ug/l	
77) Bromobenzene	12.982	156	142084	49.552	ug/l	76
78) n-propylbenzene	13.035	91	802294	48.203	ug/l	97
79) 2-Chlorotoluene	13.129	91	482454	45.560	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	536075	46.233	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	90532	46.425	ug/l	96
82) 4-Chlorotoluene	13.224	91	474455	46.149	ug/l	96
83) tert-Butylbenzene	13.441	119	453890	47.006	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	544177	46.996	ug/l	99
85) sec-Butylbenzene	13.618	105	676360	49.727	ug/l	98
86) p-Isopropyltoluene	13.729	119	538334	49.293	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	261162	48.813	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	264148	50.136	ug/l	96
89) n-Butylbenzene	14.059	91	506161	49.792	ug/l	97
90) Hexachloroethane	14.335	117	106543	49.592	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	257276	50.162	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43353	43.276	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	139969	48.780	ug/l	99
94) Hexachlorobutadiene	15.506	225	47948	45.336	ug/l	93
95) Naphthalene	15.641	128	549442	50.674	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	137979	50.084	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

