

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071824\
 Data File : VN082977.D
 Acq On : 18 Jul 2024 16:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2024
 Supervised By : Semsettin Yesilyurt 07/19/2024

Quant Time: Jul 19 00:45:00 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	89350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	153629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	147276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	67175	53.632	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.260%			
35) Dibromofluoromethane	8.165	113	52681	53.440	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.880%			
50) Toluene-d8	10.571	98	196933	54.087	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.180%			
62) 4-Bromofluorobenzene	12.853	95	65474	50.061	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 100.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57787	49.955	ug/l	99
3) Chloromethane	2.365	50	47937	43.697	ug/l	99
4) Vinyl Chloride	2.512	62	58372	50.664	ug/l	99
5) Bromomethane	2.942	94	40541	48.803	ug/l	93
6) Chloroethane	3.112	64	44384	56.294	ug/l	95
7) Trichlorofluoromethane	3.489	101	88730	53.545	ug/l	93
8) Diethyl Ether	3.959	74	29893	52.709	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	51351	54.752	ug/l	98
10) Methyl Iodide	4.583	142	51462	53.519	ug/l	99
11) Tert butyl alcohol	5.524	59	45927	218.011	ug/l	99
12) 1,1-Dichloroethene	4.336	96	47637	52.227	ug/l	85
13) Acrolein	4.171	56	36402	239.339	ug/l	99
14) Allyl chloride	5.018	41	67759	47.645	ug/l #	94
15) Acrylonitrile	5.712	53	128846	266.134	ug/l	100
16) Acetone	4.424	43	105703	239.703	ug/l	91
17) Carbon Disulfide	4.706	76	123881	45.452	ug/l	99
18) Methyl Acetate	5.024	43	69296	59.387	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	171067	54.370	ug/l	96
20) Methylene Chloride	5.271	84	57401	53.900	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	51922	52.536	ug/l	93
22) Diisopropyl ether	6.671	45	175032	58.828	ug/l #	96
23) Vinyl Acetate	6.600	43	651160	275.589	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	103491	57.344	ug/l	98
25) 2-Butanone	7.482	43	172160	258.557	ug/l #	90
26) 2,2-Dichloropropane	7.488	77	93359	55.637	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	64523	55.765	ug/l	88
28) Bromochloromethane	7.812	49	40784	52.677	ug/l #	84
29) Tetrahydrofuran	7.835	42	112819	269.137	ug/l #	85
30) Chloroform	7.965	83	112013	58.504	ug/l	100
31) Cyclohexane	8.253	56	77162	47.122	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	101410	57.048	ug/l	96
36) 1,1-Dichloropropene	8.365	75	74053	54.484	ug/l	98
37) Ethyl Acetate	7.559	43	69224	50.026	ug/l #	95
38) Carbon Tetrachloride	8.359	117	86647	52.948	ug/l	97
39) Methylcyclohexane	9.600	83	74113	50.481	ug/l	95
40) Benzene	8.606	78	236328	56.527	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	39942	53.579	ug/l	91
42) 1,2-Dichloroethane	8.671	62	85443	56.769	ug/l	98
43) Isopropyl Acetate	8.688	43	141087	54.331	ug/l #	96
44) Trichloroethene	9.353	130	55447	51.766	ug/l	94
45) 1,2-Dichloropropane	9.624	63	59273	60.727	ug/l	97
46) Dibromomethane	9.712	93	42960	56.496	ug/l	99
47) Bromodichloromethane	9.888	83	92334	58.768	ug/l	98
48) Methyl methacrylate	9.682	41	58142	53.587	ug/l #	86
49) 1,4-Dioxane	9.694	88	23458	993.769	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	389332	283.807	ug/l	94
52) Toluene	10.629	92	150418	57.595	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	92500	57.149	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	95317	55.635	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	58325	60.733	ug/l	99
56) Ethyl methacrylate	10.876	69	89822	60.118	ug/l	85
57) 1,3-Dichloropropane	11.165	76	99516	58.541	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	228979	298.668	ug/l	95
59) 2-Hexanone	11.194	43	285528	279.950	ug/l	93
60) Dibromochloromethane	11.359	129	71544	58.491	ug/l	100
61) 1,2-Dibromoethane	11.470	107	59530	58.371	ug/l	100
64) Tetrachloroethene	11.106	164	52707	47.969	ug/l	97
65) Chlorobenzene	11.894	112	168016	53.239	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	62744	55.894	ug/l	98
67) Ethyl Benzene	11.965	91	286509	54.016	ug/l	99
68) m/p-Xylenes	12.070	106	225509	112.613	ug/l	96
69) o-Xylene	12.400	106	106643	55.579	ug/l	94
70) Styrene	12.412	104	189721	59.842	ug/l	97
71) Bromoform	12.582	173	46816	53.031	ug/l #	98
73) Isopropylbenzene	12.694	105	270142	52.740	ug/l	99
74) N-amyl acetate	12.494	43	113865	53.743	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	80976	52.787	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	73914m	60.820	ug/l	
77) Bromobenzene	12.982	156	67285	50.919	ug/l	95
78) n-propylbenzene	13.035	91	323348	54.905	ug/l	99
79) 2-Chlorotoluene	13.129	91	194118	51.732	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	225596	54.487	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	35330	57.175	ug/l	84
82) 4-Chlorotoluene	13.223	91	195877	52.738	ug/l	97
83) tert-Butylbenzene	13.441	119	190027	51.770	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	232636	55.128	ug/l	98
85) sec-Butylbenzene	13.617	105	270075	54.448	ug/l	99
86) p-Isopropyltoluene	13.729	119	226617	54.759	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	125126	52.417	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	124117	50.276	ug/l	100
89) n-Butylbenzene	14.059	91	189768	53.524	ug/l	99
90) Hexachloroethane	14.335	117	43749	49.960	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	119337	51.489	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16327	46.005	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	58392	46.772	ug/l	99
94) Hexachlorobutadiene	15.506	225	25483	46.044	ug/l	98
95) Naphthalene	15.641	128	199021	46.544	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	59973	46.721	ug/l	97

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

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