

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111022\
 Data File : VN075236.D
 Acq On : 10 Nov 2022 16:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2022
 Supervised By : Mahesh Dadoda 11/11/2022

Quant Time: Nov 11 04:11:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	112229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	199526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	187175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	69179	45.749	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.500%		
35) Dibromofluoromethane	8.171	113	62373	53.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.500%		
50) Toluene-d8	10.565	98	227892	50.148	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.300%		
62) 4-Bromofluorobenzene	12.847	95	88316	55.323	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	63238	43.315	ug/l	100
3) Chloromethane	2.371	50	60665	39.120	ug/l	97
4) Vinyl Chloride	2.524	62	92498	41.811	ug/l	98
5) Bromomethane	2.918	94	85723	54.576	ug/l	98
6) Chloroethane	3.095	64	66864	42.149	ug/l	93
7) Trichlorofluoromethane	3.483	101	118600	52.479	ug/l	95
8) Diethyl Ether	3.965	74	43794	53.129	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	68378	54.787	ug/l	99
10) Methyl Iodide	4.594	142	97676	52.570	ug/l	98
11) Tert butyl alcohol	5.541	59	83329	236.301	ug/l	100
12) 1,1-Dichloroethene	4.341	96	62943	52.909	ug/l	96
13) Acrolein	4.183	56	69929	242.439	ug/l	96
14) Allyl chloride	5.030	41	89849	51.712	ug/l	95
15) Acrylonitrile	5.730	53	190410	255.609	ug/l	99
16) Acetone	4.441	43	149580	233.615	ug/l	94
17) Carbon Disulfide	4.718	76	132399	44.256	ug/l	97
18) Methyl Acetate	5.030	43	115222	55.092	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	242849	54.923	ug/l	95
20) Methylene Chloride	5.277	84	77544	54.317	ug/l	89
21) trans-1,2-Dichloroethene	5.788	96	68905	52.900	ug/l	95
22) Diisopropyl ether	6.683	45	207220	54.043	ug/l	98
23) Vinyl Acetate	6.612	43	814689m	254.439	ug/l	
24) 1,1-Dichloroethane	6.571	63	130225	53.700	ug/l	99
25) 2-Butanone	7.488	43	250102	248.338	ug/l	100
26) 2,2-Dichloropropane	7.494	77	120502	54.014	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	89407	57.477	ug/l	94
28) Bromochloromethane	7.824	49	46369	45.359	ug/l	90
29) Tetrahydrofuran	7.841	42	160297	246.315	ug/l	99
30) Chloroform	7.971	83	146098	55.488	ug/l	99
31) Cyclohexane	8.259	56	108530	48.257	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	134612	56.299	ug/l	97
36) 1,1-Dichloropropene	8.377	75	103762	57.219	ug/l	98
37) Ethyl Acetate	7.565	43	94299	47.417	ug/l	98
38) Carbon Tetrachloride	8.365	117	116989	58.648	ug/l	97
39) Methylcyclohexane	9.600	83	131271	54.833	ug/l	99
40) Benzene	8.606	78	313919	56.537	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	49858	52.328	ug/l	95
42) 1,2-Dichloroethane	8.677	62	109151	54.033	ug/l	97
43) Isopropyl Acetate	8.688	43	165077	53.513	ug/l	99
44) Trichloroethene	9.353	130	83560	59.985	ug/l	100
45) 1,2-Dichloropropane	9.623	63	77147	58.385	ug/l	99
46) Dibromomethane	9.712	93	57917	56.260	ug/l	97
47) Bromodichloromethane	9.888	83	118022	59.201	ug/l	97
48) Methyl methacrylate	9.682	41	74147	52.399	ug/l	97
49) 1,4-Dioxane	9.700	88	41000	1106.484	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	521332	261.894	ug/l	97
52) Toluene	10.629	92	214165	57.702	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	124324	59.083	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	132488	59.363	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	86394	58.704	ug/l	98
56) Ethyl methacrylate	10.876	69	126619	56.404	ug/l	99
57) 1,3-Dichloropropane	11.165	76	143284	58.463	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	230217	265.270	ug/l	97
59) 2-Hexanone	11.194	43	396753	262.609	ug/l	99
60) Dibromochloromethane	11.359	129	96945	62.437	ug/l	99
61) 1,2-Dibromoethane	11.470	107	90500	60.006	ug/l	100
64) Tetrachloroethene	11.106	164	77899	67.883	ug/l	89
65) Chlorobenzene	11.894	112	235829	59.026	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	90262	60.902	ug/l	99
67) Ethyl Benzene	11.965	91	426748	59.369	ug/l	98
68) m/p-Xylenes	12.070	106	347939	120.636	ug/l	100
69) o-Xylene	12.400	106	171417	60.097	ug/l	97
70) Styrene	12.412	104	285927	62.868	ug/l	98
71) Bromoform	12.576	173	71274	64.232	ug/l #	99
73) Isopropylbenzene	12.694	105	447650	51.142	ug/l	99
74) N-amyl acetate	12.494	43	151015	46.648	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	135747	53.957	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	116152m	50.174	ug/l	
77) Bromobenzene	12.982	156	104405	54.171	ug/l	90
78) n-propylbenzene	13.035	91	517974	52.708	ug/l	99
79) 2-Chlorotoluene	13.129	91	309727	51.576	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	396680	53.957	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	42122m	46.707	ug/l	
82) 4-Chlorotoluene	13.129	91	309727	51.576	ug/l	98
83) tert-Butylbenzene	13.441	119	348081	53.284	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	405317	54.489	ug/l	98
85) sec-Butylbenzene	13.617	105	510284	55.839	ug/l	99
86) p-Isopropyltoluene	13.729	119	439357	58.214	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	220648	58.472	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	215317	57.654	ug/l	99
89) n-Butylbenzene	14.059	91	365747	60.179	ug/l	99
90) Hexachloroethane	14.335	117	73213	52.908	ug/l	90
91) 1,2-Dichlorobenzene	14.106	146	216219	57.635	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27221	46.105	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	108172	67.007	ug/l	99
94) Hexachlorobutadiene	15.500	225	49383	62.749	ug/l	99
95) Naphthalene	15.641	128	371953	59.915	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	103862	64.751	ug/l	98

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

