

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070453.D
 Acq On : 4 Jan 2022 10:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 03:11:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	987408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1596697	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1476049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.670	152	650280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	747581	52.658	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.320%			
35) Dibromofluoromethane	8.019	113	542351	56.139	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.280%			
50) Toluene-d8	10.438	98	2181696	55.281	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.560%			
62) 4-Bromofluorobenzene	12.728	95	824156	57.819	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 115.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	569440	50.853	ug/l	99
3) Chloromethane	2.303	50	743234	48.793	ug/l	99
4) Vinyl Chloride	2.448	62	697660	50.306	ug/l	99
5) Bromomethane	2.853	94	366784	51.241	ug/l	99
6) Chloroethane	3.020	64	418268	50.081	ug/l	98
7) Trichlorofluoromethane	3.379	101	850012	50.922	ug/l	97
8) Diethyl Ether	3.824	74	396312	53.857	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	550464	53.916	ug/l	96
10) Methyl Iodide	4.420	142	710171	51.398	ug/l	98
11) Tert butyl alcohol	5.369	59	538657	227.870	ug/l	99
12) 1,1-Dichloroethene	4.181	96	525122	52.218	ug/l	92
13) Acrolein	4.041	56	416979	217.401	ug/l	99
14) Allyl chloride	4.841	41	1212032	53.159	ug/l	88
15) Acrylonitrile	5.549	53	1885202	255.566	ug/l	100
16) Acetone	4.280	43	2501237	271.399	ug/l	100
17) Carbon Disulfide	4.529	76	1362241	49.626	ug/l	99
18) Methyl Acetate	4.849	43	1315896	49.360	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	2004088	53.663	ug/l	94
20) Methylene Chloride	5.093	84	641510	50.310	ug/l	85
21) trans-1,2-Dichloroethene	5.594	96	557057	52.318	ug/l #	84
22) Diisopropyl ether	6.493	45	2434846	54.828	ug/l #	91
23) Vinyl Acetate	6.428	43	9295082	269.771	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1212988	52.678	ug/l	98
25) 2-Butanone	7.329	43	3078335	265.278	ug/l	91
26) 2,2-Dichloropropane	7.321	77	930267	51.211	ug/l	97
27) cis-1,2-Dichloroethene	7.321	96	672809	52.957	ug/l	86
28) Bromochloromethane	7.651	49	636518	56.523	ug/l #	78
29) Tetrahydrofuran	7.678	42	1749323	252.666	ug/l	87
30) Chloroform	7.815	83	1151880	51.853	ug/l	99
31) Cyclohexane	8.091	56	1158872	51.728	ug/l	87
32) 1,1,1-Trichloroethane	8.011	97	968108	51.686	ug/l	97
36) 1,1-Dichloropropene	8.217	75	872689	54.606	ug/l	96
37) Ethyl Acetate	7.407	43	1072982	51.796	ug/l	96
38) Carbon Tetrachloride	8.204	117	789416	51.729	ug/l	99
39) Methylcyclohexane	9.456	83	1090511	56.363	ug/l	88
40) Benzene	8.456	78	2643985	53.963	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	575451	55.538	ug/l #	87
42) 1,2-Dichloroethane	8.526	62	965262	52.414	ug/l	98
43) Isopropyl Acetate	8.558	43	1730984	52.999	ug/l #	95
44) Trichloroethene	9.212	130	619283	53.194	ug/l	90
45) 1,2-Dichloropropane	9.486	63	732844	55.552	ug/l	100
46) Dibromomethane	9.574	93	439340	53.558	ug/l	94
47) Bromodichloromethane	9.759	83	903576	55.475	ug/l	99
48) Methyl methacrylate	9.555	41	865656	55.567	ug/l #	77
49) 1,4-Dioxane	9.564	88	226839	994.715	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	5472268	266.647	ug/l	97
52) Toluene	10.502	92	1632258	55.038	ug/l	98
53) t-1,3-Dichloropropene	10.714	75	979940	55.574	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	1083091	56.782	ug/l	95
55) 1,1,2-Trichloroethane	10.894	97	635017	54.117	ug/l	97
56) Ethyl methacrylate	10.757	69	1089854	56.211	ug/l	89
57) 1,3-Dichloropropane	11.041	76	1134380	54.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1004568	206.336	ug/l	90
59) 2-Hexanone	11.082	43	4157580	277.802	ug/l	95
60) Dibromochloromethane	11.234	129	637379	55.672	ug/l	100
61) 1,2-Dibromoethane	11.342	107	634324	53.240	ug/l	100
64) Tetrachloroethene	10.974	164	554048	51.835	ug/l	96
65) Chlorobenzene	11.765	112	1691144	53.998	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	598252	53.508	ug/l	99
67) Ethyl Benzene	11.841	91	3214461	56.018	ug/l	96
68) m/p-Xylenes	11.950	106	2393350	114.582	ug/l	94
69) o-Xylene	12.275	106	1184152	56.996	ug/l	92
70) Styrene	12.291	104	1954218	59.430	ug/l	96
71) Bromoform	12.455	173	461656	55.636	ug/l #	100
73) Isopropylbenzene	12.575	105	3121048	51.683	ug/l	98
74) N-amyl acetate	12.385	43	1310527	51.614	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	982087	49.556	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	908005m	47.320	ug/l	
77) Bromobenzene	12.857	156	703720	50.758	ug/l	79
78) n-propylbenzene	12.916	91	3640552	54.411	ug/l	97
79) 2-Chlorotoluene	13.004	91	2206380	51.394	ug/l	93
80) 1,3,5-Trimethylbenzene	13.055	105	2577375	53.260	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	274839	51.638	ug/l	98
82) 4-Chlorotoluene	13.101	91	2153707	53.556	ug/l	92
83) tert-Butylbenzene	13.321	119	2236174	52.479	ug/l	94
84) 1,2,4-Trimethylbenzene	13.364	105	2528790	54.268	ug/l	98
85) sec-Butylbenzene	13.498	105	3172499	54.839	ug/l	98
86) p-Isopropyltoluene	13.613	119	2568460	56.519	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1240216	53.437	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	1202499	52.525	ug/l	96
89) n-Butylbenzene	13.938	91	2149460	56.706	ug/l	97
90) Hexachloroethane	14.206	117	419764	53.170	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	1184170	52.046	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	164189	46.935	ug/l	81
93) 1,2,4-Trichlorobenzene	15.260	180	582727	54.356	ug/l	98
94) Hexachlorobutadiene	15.365	225	340966	54.724	ug/l	99
95) Naphthalene	15.501	128	1431281	48.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	540603	52.674	ug/l	98

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

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