

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070364.D
 Acq On : 29 Dec 2021 22:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/30/2021
 Supervised By : Mahesh Dadoda 12/30/2021

Quant Time: Dec 30 01:53:26 2021
 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	8.086	168	902435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1492604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1427140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	578898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	633823	48.848	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.700%		
35) Dibromofluoromethane	8.021	113	456863	50.588	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.180%		
50) Toluene-d8	10.440	98	1832413	49.669	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.340%		
62) 4-Bromofluorobenzene	12.731	95	676829	50.795	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	557547	54.479	ug/l	98
3) Chloromethane	2.303	50	740041	53.158	ug/l	99
4) Vinyl Chloride	2.445	62	682390	53.838	ug/l	98
5) Bromomethane	2.837	94	349294	53.392	ug/l	100
6) Chloroethane	3.009	64	398338	52.186	ug/l	98
7) Trichlorofluoromethane	3.371	101	780233	51.143	ug/l	98
8) Diethyl Ether	3.824	74	367987	54.717	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.202	101	509096	54.559	ug/l	95
10) Methyl Iodide	4.417	142	704254	55.770	ug/l	99
11) Tert butyl alcohol	5.385	59	556220	257.456	ug/l #	86
12) 1,1-Dichloroethene	4.178	96	495354	53.896	ug/l	92
13) Acrolein	4.039	56	471290	268.853	ug/l	99
14) Allyl chloride	4.838	41	1189646	57.090	ug/l #	86
15) Acrylonitrile	5.557	53	2036058	302.006	ug/l	99
16) Acetone	4.288	43	1772632	210.452	ug/l	99
17) Carbon Disulfide	4.524	76	1423586	56.744	ug/l	99
18) Methyl Acetate	4.857	43	1397505	57.357	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1899488	55.651	ug/l	94
20) Methylene Chloride	5.093	84	628402	53.923	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	537301	55.214	ug/l	88
22) Diisopropyl ether	6.498	45	2322595	57.225	ug/l #	91
23) Vinyl Acetate	6.436	43	9337047	296.506	ug/l	94
24) 1,1-Dichloroethane	6.385	63	1160012	55.121	ug/l	98
25) 2-Butanone	7.337	43	2914926	274.849	ug/l	91
26) 2,2-Dichloropropane	7.327	77	799448	48.154	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	644253	55.484	ug/l	87
28) Bromochloromethane	7.657	49	523942	50.907	ug/l #	76
29) Tetrahydrofuran	7.686	42	1945123	307.400	ug/l	87
30) Chloroform	7.817	83	1114759	54.907	ug/l	100
31) Cyclohexane	8.094	56	1099466	53.697	ug/l	85
32) 1,1,1-Trichloroethane	8.013	97	949238	55.451	ug/l	96
36) 1,1-Dichloropropene	8.222	75	823883	55.147	ug/l	96
37) Ethyl Acetate	7.415	43	1153417	59.562	ug/l	96
38) Carbon Tetrachloride	8.206	117	814170	57.072	ug/l	99
39) Methylcyclohexane	9.459	83	974061	53.855	ug/l	89
40) Benzene	8.461	78	2546920	55.608	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	614819	63.475	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	939891	54.595	ug/l	98
43) Isopropyl Acetate	8.563	43	1798608	58.910	ug/l #	95
44) Trichloroethene	9.217	130	585079	53.761	ug/l	93
45) 1,2-Dichloropropane	9.491	63	706442	57.286	ug/l	99
46) Dibromomethane	9.577	93	431627	56.288	ug/l	95
47) Bromodichloromethane	9.762	83	912328	59.918	ug/l	99
48) Methyl methacrylate	9.561	41	848102	58.236	ug/l	85
49) 1,4-Dioxane	9.571	88	200206	939.152	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	6015228	313.544	ug/l	96
52) Toluene	10.505	92	1577486	56.901	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	968014	58.726	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	1045180	58.615	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	624182	56.904	ug/l	98
56) Ethyl methacrylate	10.762	69	1101701	60.785	ug/l	89
57) 1,3-Dichloropropane	11.044	76	1109412	57.182	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1192744	257.071	ug/l	90
59) 2-Hexanone	11.084	43	4324942	309.138	ug/l	94
60) Dibromochloromethane	11.237	129	670439	62.644	ug/l	99
61) 1,2-Dibromoethane	11.347	107	641937	57.636	ug/l	100
64) Tetrachloroethene	10.977	164	527306	51.024	ug/l	95
65) Chlorobenzene	11.771	112	1641609	54.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	609642	56.395	ug/l	99
67) Ethyl Benzene	11.843	91	3086421	55.630	ug/l	96
68) m/p-Xylenes	11.953	106	2279432	112.868	ug/l	94
69) o-Xylene	12.280	106	1127736	56.141	ug/l	92
70) Styrene	12.294	104	1879254	59.109	ug/l	96
71) Bromoform	12.457	173	529219	65.964	ug/l #	100
73) Isopropylbenzene	12.578	105	2932487	54.549	ug/l	98
74) N-amyl acetate	12.388	43	1378643	60.991	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	1008174	58.163	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	924287m	53.716	ug/l	
77) Bromobenzene	12.860	156	677974	54.931	ug/l	76
78) n-propylbenzene	12.921	91	3363382	56.467	ug/l	96
79) 2-Chlorotoluene	13.007	91	2065639	54.049	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2388289	55.438	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	302193	63.778	ug/l	98
82) 4-Chlorotoluene	13.104	91	1985926	55.474	ug/l	92
83) tert-Butylbenzene	13.324	119	2031520	53.555	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2350221	56.655	ug/l	97
85) sec-Butylbenzene	13.501	105	2872164	55.769	ug/l	97
86) p-Isopropyltoluene	13.616	119	2267544	56.050	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1131788	54.778	ug/l	98
88) 1,4-Dichlorobenzene	13.694	146	1081221	53.051	ug/l	97
89) n-Butylbenzene	13.943	91	1878812	55.678	ug/l	97
90) Hexachloroethane	14.211	117	450223	64.060	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	1081743	53.406	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	191726	61.564	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	535506	56.111	ug/l	98
94) Hexachlorobutadiene	15.370	225	297523	53.640	ug/l	99
95) Naphthalene	15.504	128	1582185	59.627	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	531626	58.100	ug/l	98

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

