

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122221\
 Data File : VN070284.D
 Acq On : 22 Dec 2021 10:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 22 10:35:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/23/2021
 Supervised By :Semsettin Yesilyurt 12/23/2021

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	933383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1508336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1404533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	620142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	734873	50.992	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.980%			
35) Dibromofluoromethane	8.019	113	516235	54.640	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.280%			
50) Toluene-d8	10.440	98	1984715	52.317	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.640%			
62) 4-Bromofluorobenzene	12.728	95	771100	56.106	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	471598	43.320	ug/l	99
3) Chloromethane	2.303	50	584791	42.877	ug/l	100
4) Vinyl Chloride	2.448	62	569086	45.379	ug/l	99
5) Bromomethane	2.842	94	315777	46.348	ug/l	99
6) Chloroethane	3.014	64	353384	45.984	ug/l	98
7) Trichlorofluoromethane	3.373	101	779688	47.371	ug/l	98
8) Diethyl Ether	3.821	74	354239	55.881	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.207	101	508899	55.157	ug/l	96
10) Methyl Iodide	4.417	142	635401	50.411	ug/l	98
11) Tert butyl alcohol	5.374	59	596173	218.850	ug/l	98
12) 1,1-Dichloroethene	4.178	96	452921	50.942	ug/l	88
13) Acrolein	4.039	56	666533	287.320	ug/l	99
14) Allyl chloride	4.838	41	1084334	54.124	ug/l	90
15) Acrylonitrile	5.551	53	1882252	256.420	ug/l	99
16) Acetone	4.283	43	2282490	263.289	ug/l	98
17) Carbon Disulfide	4.527	76	944552	41.122	ug/l	99
18) Methyl Acetate	4.854	43	1299422	49.658	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	1953239	56.501	ug/l	95
20) Methylene Chloride	5.090	84	579830	50.312	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	481536	49.865	ug/l	85
22) Diisopropyl ether	6.495	45	2295061	58.610	ug/l	92
23) Vinyl Acetate	6.431	43	9040426	283.777	ug/l	94
24) 1,1-Dichloroethane	6.385	63	1134110	55.910	ug/l	98
25) 2-Butanone	7.332	43	2946383	250.142	ug/l	91
26) 2,2-Dichloropropane	7.321	77	930857	59.022	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	623393	53.431	ug/l	85
28) Bromochloromethane	7.657	49	525515	49.820	ug/l #	77
29) Tetrahydrofuran	7.683	42	1746849	244.233	ug/l	88
30) Chloroform	7.815	83	1126357	54.982	ug/l	100
31) Cyclohexane	8.091	56	962390	47.986	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	938109	53.760	ug/l	97
36) 1,1-Dichloropropene	8.220	75	778858	54.242	ug/l	96
37) Ethyl Acetate	7.412	43	1077557	50.421	ug/l	96
38) Carbon Tetrachloride	8.204	117	758468	53.866	ug/l	100
39) Methylcyclohexane	9.459	83	912606	53.433	ug/l	90
40) Benzene	8.458	78	2372710	54.061	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	588626	58.673	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	962552	54.328	ug/l	97
43) Isopropyl Acetate	8.558	43	1755259	55.500	ug/l #	94
44) Trichloroethene	9.215	130	566029	54.033	ug/l	92
45) 1,2-Dichloropropane	9.488	63	682556	57.913	ug/l	100
46) Dibromomethane	9.574	93	420888	54.451	ug/l	93
47) Bromodichloromethane	9.759	83	872458	59.615	ug/l	99
48) Methyl methacrylate	9.558	41	808936	54.809	ug/l	87
49) 1,4-Dioxane	9.566	88	240999	910.032	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	5666308	276.179	ug/l	96
52) Toluene	10.505	92	1491172	55.650	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	949845	53.733	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1018421	54.917	ug/l	92
55) 1,1,2-Trichloroethane	10.896	97	618144	57.175	ug/l	97
56) Ethyl methacrylate	10.760	69	1061637	51.950	ug/l #	90
57) 1,3-Dichloropropane	11.044	76	1095864	57.566	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1535284	276.587	ug/l	91
59) 2-Hexanone	11.084	43	4208627	271.169	ug/l	94
60) Dibromochloromethane	11.237	129	621196	53.453	ug/l	99
61) 1,2-Dibromoethane	11.344	107	615997	55.009	ug/l	99
64) Tetrachloroethene	10.977	164	498392	52.332	ug/l	95
65) Chlorobenzene	11.768	112	1594737	55.968	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	592989	59.128	ug/l	100
67) Ethyl Benzene	11.843	91	2995949	57.883	ug/l	96
68) m/p-Xylenes	11.950	106	2180757	115.717	ug/l	91
69) o-Xylene	12.280	106	1101292	58.016	ug/l	91
70) Styrene	12.294	104	1827202	60.703	ug/l	95
71) Bromoform	12.457	173	455338	52.915	ug/l #	100
73) Isopropylbenzene	12.578	105	2957724	53.606	ug/l	98
74) N-amyl acetate	12.385	43	1332097	54.593	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	979376	51.331	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	931024m	52.351	ug/l	
77) Bromobenzene	12.860	156	674647	52.056	ug/l	77
78) n-propylbenzene	12.919	91	3412663	55.583	ug/l	96
79) 2-Chlorotoluene	13.007	91	2093577	53.964	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2431839	54.759	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	287243	52.629	ug/l	97
82) 4-Chlorotoluene	13.104	91	2030383	55.650	ug/l	92
83) tert-Butylbenzene	13.324	119	2133008	54.243	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	2373180	56.112	ug/l	97
85) sec-Butylbenzene	13.501	105	3016425	56.552	ug/l	97
86) p-Isopropyltoluene	13.613	119	2414835	57.920	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1175033	55.189	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1138646	54.420	ug/l	97
89) n-Butylbenzene	13.940	91	2005223	59.290	ug/l	97
90) Hexachloroethane	14.209	117	404512	55.262	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	1135878	54.755	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	176173	51.099	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	552684	54.071	ug/l	98
94) Hexachlorobutadiene	15.367	225	323627	58.864	ug/l	98
95) Naphthalene	15.507	128	1431182	47.445	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	532329	53.505	ug/l	98

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

