

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026641.D
 Acq On : 28 Jan 2022 11:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

Quant Time: Jan 29 02:17:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	98971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158571	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59672	43.161	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.320%		
35) Dibromofluoromethane	5.391	113	48876	47.730	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.460%		
50) Toluene-d8	8.653	98	179842	48.737	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.480%		
62) 4-Bromofluorobenzene	11.079	95	65268	49.791	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	51432	44.008	ug/l	100
3) Chloromethane	1.294	50	48444	45.217	ug/l	98
4) Vinyl Chloride	1.380	62	53000	47.118	ug/l	98
5) Bromomethane	1.618	94	25642	49.417	ug/l	100
6) Chloroethane	1.691	64	25038	44.019	ug/l	99
7) Trichlorofluoromethane	1.892	101	82252	46.316	ug/l	97
8) Diethyl Ether	2.136	74	30176	48.019	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	55376	51.167	ug/l	98
10) Methyl Iodide	2.459	142	58957	50.551	ug/l	96
11) Tert butyl alcohol	3.014	59	46766	243.158	ug/l #	75
12) 1,1-Dichloroethene	2.325	96	51607	49.928	ug/l	93
13) Acrolein	2.239	56	51373	251.374	ug/l	99
14) Allyl chloride	2.666	41	96705	50.875	ug/l	96
15) Acrylonitrile	3.069	53	159506	269.417	ug/l	98
16) Acetone	2.386	43	182061	258.225	ug/l	96
17) Carbon Disulfide	2.514	76	130082	43.106	ug/l	100
18) Methyl Acetate	2.703	43	73844	52.683	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	189023	50.400	ug/l	100
20) Methylene Chloride	2.794	84	59451	51.036	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	55662	49.744	ug/l	99
22) Diisopropyl ether	3.764	45	199639	51.705	ug/l	93
23) Vinyl Acetate	3.721	43	832952	262.075	ug/l	98
24) 1,1-Dichloroethane	3.611	63	106344	50.998	ug/l	100
25) 2-Butanone	4.562	43	237989	259.560	ug/l	100
26) 2,2-Dichloropropane	4.477	77	80676	52.195	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	67136	52.570	ug/l	97
28) Bromochloromethane	4.904	49	39150	45.723	ug/l	98
29) Tetrahydrofuran	5.007	42	141965	260.697	ug/l	99
30) Chloroform	5.099	83	110749	51.116	ug/l	99
31) Cyclohexane	5.471	56	98152	48.132	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	97461	51.140	ug/l	99
36) 1,1-Dichloropropene	5.696	75	82027	50.742	ug/l	99
37) Ethyl Acetate	4.715	43	87896	53.751	ug/l	99
38) Carbon Tetrachloride	5.678	117	85952	51.691	ug/l	99
39) Methylcyclohexane	7.385	83	101743	52.179	ug/l	98
40) Benzene	6.037	78	236468	52.924	ug/l	100

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41) Methacrylonitrile	4.916	41	50739	54.775	ug/l	97
42) 1,2-Dichloroethane	6.092	62	86971	49.750	ug/l	98
43) Isopropyl Acetate	6.342	43	143416	54.294	ug/l	99
44) Trichloroethene	7.123	130	69429	54.761	ug/l	98
45) 1,2-Dichloropropane	7.434	63	61943	55.539	ug/l	99
46) Dibromomethane	7.580	93	43031	54.732	ug/l	99
47) Bromodichloromethane	7.824	83	87134	54.851	ug/l	100
48) Methyl methacrylate	7.690	41	70834	54.110	ug/l	98
49) 1,4-Dioxane	7.690	88	19318	899.235	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	424969	271.241	ug/l	99
52) Toluene	8.720	92	154226	56.287	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	91000	53.453	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	99902	58.552	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	61448	57.468	ug/l	99
56) Ethyl methacrylate	9.116	69	95005	57.978	ug/l	97
57) 1,3-Dichloropropane	9.311	76	104688	56.473	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	242444	282.163	ug/l	99
59) 2-Hexanone	9.433	43	321235	267.884	ug/l	98
60) Dibromochloromethane	9.525	129	66990	60.122	ug/l	100
61) 1,2-Dibromoethane	9.610	107	63640	57.119	ug/l	100
64) Tetrachloroethene	9.275	164	72897	54.511	ug/l	96
65) Chlorobenzene	10.079	112	163072	54.702	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	61905	55.887	ug/l	99
67) Ethyl Benzene	10.195	91	293333	54.147	ug/l	100
68) m/p-Xylenes	10.305	106	223234	110.112	ug/l	98
69) o-Xylene	10.640	106	107772	55.091	ug/l	98
70) Styrene	10.659	104	179060	56.095	ug/l	99
71) Bromoform	10.799	173	43504	51.253	ug/l #	100
73) Isopropylbenzene	10.963	105	289762	55.226	ug/l	100
74) N-amyl acetate	10.842	43	110636	54.620	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	74309	52.765	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	75204m	53.360	ug/l	
77) Bromobenzene	11.201	156	65922	54.843	ug/l	96
78) n-propylbenzene	11.305	91	333707	55.774	ug/l	100
79) 2-Chlorotoluene	11.366	91	192487	53.052	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	237792	54.973	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23741	52.825	ug/l	93
82) 4-Chlorotoluene	11.457	91	221901	53.214	ug/l	98
83) tert-Butylbenzene	11.713	119	226405	56.068	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	236523	54.669	ug/l	98
85) sec-Butylbenzene	11.890	105	295150	56.508	ug/l	99
86) p-Isopropyltoluene	12.012	119	249908	57.029	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	123978	55.027	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	124425	54.561	ug/l	99
89) n-Butylbenzene	12.335	91	217210	57.761	ug/l	100
90) Hexachloroethane	12.542	117	38910	53.068	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	117183	55.037	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17340	50.944	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	78365	57.408	ug/l	98
94) Hexachlorobutadiene	13.725	225	33141	57.513	ug/l	98
95) Naphthalene	13.780	128	258476	56.768	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	76910	57.290	ug/l	99

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

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