

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026667.D
 Acq On : 28 Jan 2022 21:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 29 02:22:00 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	5.556	168	95593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	156623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	62695	46.950	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 93.900%			
35) Dibromofluoromethane	5.391	113	51873	51.287	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	8.653	98	182353	50.032	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.060%			
62) 4-Bromofluorobenzene	11.085	95	64825	50.068	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	46560	41.248	ug/l	99
3) Chloromethane	1.294	50	42875	41.434	ug/l	99
4) Vinyl Chloride	1.380	62	48673	44.800	ug/l	100
5) Bromomethane	1.618	94	19062	38.034	ug/l	95
6) Chloroethane	1.691	64	24092	43.852	ug/l	99
7) Trichlorofluoromethane	1.892	101	76811	44.780	ug/l	100
8) Diethyl Ether	2.136	74	29411	48.455	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.337	101	51335	49.110	ug/l	98
10) Methyl Iodide	2.459	142	54062	48.217	ug/l	98
11) Tert butyl alcohol	2.995	59	48250m	259.739	ug/l	
12) 1,1-Dichloroethene	2.325	96	49072	49.153	ug/l	92
13) Acrolein	2.239	56	50760	257.152	ug/l	99
14) Allyl chloride	2.672	41	92026	50.125	ug/l	97
15) Acrylonitrile	3.069	53	150105	262.497	ug/l	99
16) Acetone	2.392	43	123923	181.977	ug/l	96
17) Carbon Disulfide	2.514	76	121134	41.559	ug/l	98
18) Methyl Acetate	2.709	43	70136	51.806	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	181797	50.186	ug/l	100
20) Methylene Chloride	2.794	84	55107	48.978	ug/l	97
21) trans-1,2-Dichloroethene	3.099	96	53267	49.286	ug/l	98
22) Diisopropyl ether	3.764	45	190004	50.949	ug/l	98
23) Vinyl Acetate	3.727	43	803895	261.871	ug/l	98
24) 1,1-Dichloroethane	3.617	63	101762	50.526	ug/l	99
25) 2-Butanone	4.562	43	205116	231.613	ug/l	100
26) 2,2-Dichloropropane	4.483	77	71582	47.948	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	64020	51.902	ug/l	96
28) Bromochloromethane	4.904	49	40627	49.125	ug/l	97
29) Tetrahydrofuran	5.013	42	137072	260.607	ug/l	99
30) Chloroform	5.105	83	104862	50.109	ug/l	99
31) Cyclohexane	5.477	56	91108	46.257	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	91964	49.961	ug/l	100
36) 1,1-Dichloropropene	5.696	75	75592	47.343	ug/l	98
37) Ethyl Acetate	4.721	43	82602	51.142	ug/l	98
38) Carbon Tetrachloride	5.684	117	81523	49.637	ug/l	97
39) Methylcyclohexane	7.385	83	91649	47.587	ug/l	98
40) Benzene	6.044	78	223163	50.567	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48748	53.280	ug/l	98
42) 1,2-Dichloroethane	6.092	62	82759	47.929	ug/l	98
43) Isopropyl Acetate	6.342	43	137322	52.633	ug/l	99
44) Trichloroethene	7.129	130	63847	50.985	ug/l	95
45) 1,2-Dichloropropane	7.434	63	57796	52.465	ug/l	100
46) Dibromomethane	7.586	93	39758	51.198	ug/l	98
47) Bromodichloromethane	7.824	83	80307	51.182	ug/l	99
48) Methyl methacrylate	7.696	41	67118	51.909	ug/l	97
49) 1,4-Dioxane	7.690	88	21850	1029.747	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	406129	262.440	ug/l	98
52) Toluene	8.720	92	137611	50.848	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	80793	48.238	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	89818	53.297	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	55750	52.788	ug/l	99
56) Ethyl methacrylate	9.116	69	88418	54.629	ug/l	96
57) 1,3-Dichloropropane	9.311	76	95111	51.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	218064	256.945	ug/l	99
59) 2-Hexanone	9.433	43	298120	251.700	ug/l	98
60) Dibromochloromethane	9.525	129	59100	53.701	ug/l	100
61) 1,2-Dibromoethane	9.610	107	57401	52.160	ug/l	99
64) Tetrachloroethene	9.275	164	64921	51.763	ug/l	96
65) Chlorobenzene	10.079	112	143406	51.291	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	54834	52.783	ug/l	100
67) Ethyl Benzene	10.195	91	259716	51.117	ug/l	100
68) m/p-Xylenes	10.305	106	196917	103.565	ug/l	99
69) o-Xylene	10.646	106	95905	52.273	ug/l	99
70) Styrene	10.659	104	160222	53.518	ug/l	98
71) Bromoform	10.805	173	39027	49.122	ug/l #	100
73) Isopropylbenzene	10.963	105	252384	50.286	ug/l	99
74) N-amyl acetate	10.848	43	107683	55.575	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	72226	53.614	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	71367m	52.937	ug/l	
77) Bromobenzene	11.201	156	60014	52.195	ug/l	96
78) n-propylbenzene	11.305	91	289623	50.604	ug/l	99
79) 2-Chlorotoluene	11.366	91	171611	49.446	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	210164	50.792	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	21487	50.248	ug/l	93
82) 4-Chlorotoluene	11.457	91	195785	49.083	ug/l	98
83) tert-Butylbenzene	11.713	119	199762	51.716	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	209317	50.577	ug/l	98
85) sec-Butylbenzene	11.890	105	259172	51.873	ug/l	100
86) p-Isopropyltoluene	12.012	119	216184	51.573	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	110276	51.167	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	110584	50.693	ug/l	99
89) n-Butylbenzene	12.335	91	180810	50.264	ug/l	99
90) Hexachloroethane	12.542	117	33737	48.306	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	107855	52.956	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17405	53.457	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	67111	51.396	ug/l	97
94) Hexachlorobutadiene	13.725	225	27490	49.872	ug/l	97
95) Naphthalene	13.780	128	241642	55.481	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69185	53.876	ug/l	99

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

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