

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027605.D
 Acq On : 21 Mar 2022 22:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 05:52:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	280189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	409714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	187331	54.273	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.540%			
35) Dibromofluoromethane	5.391	113	169027	62.033	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 124.060%			
50) Toluene-d8	8.653	98	619714	60.103	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 120.200%			
62) 4-Bromofluorobenzene	11.085	95	227879	60.129	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 120.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	142319	52.918	ug/l	99
3) Chloromethane	1.294	50	136617	57.223	ug/l	99
4) Vinyl Chloride	1.374	62	158741	57.546	ug/l	100
5) Bromomethane	1.599	94	60241	41.791	ug/l	96
6) Chloroethane	1.678	64	98477	58.176	ug/l	100
7) Trichlorofluoromethane	1.880	101	222414	48.843	ug/l	99
8) Diethyl Ether	2.136	74	87677	51.691	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	143864	53.054	ug/l	93
10) Methyl Iodide	2.447	142	183028	50.990	ug/l	100
11) Tert butyl alcohol	2.977	59	170566	259.291	ug/l	99
12) 1,1-Dichloroethene	2.312	96	139474	53.608	ug/l	93
13) Acrolein	2.239	56	142119	278.409	ug/l	98
14) Allyl chloride	2.660	41	213153	52.355	ug/l	96
15) Acrylonitrile	3.068	53	445936	298.181	ug/l	99
16) Acetone	2.386	43	362706	257.802	ug/l	96
17) Carbon Disulfide	2.508	76	346017	52.267	ug/l	98
18) Methyl Acetate	2.709	43	190118	56.384	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	470150	53.559	ug/l	100
20) Methylene Chloride	2.788	84	162317	53.660	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	154130	55.537	ug/l	94
22) Diisopropyl ether	3.769	45	447769	56.318	ug/l	98
23) Vinyl Acetate	3.727	43	1914891	276.946	ug/l	97
24) 1,1-Dichloroethane	3.611	63	269159	55.661	ug/l	99
25) 2-Butanone	4.562	43	592153	279.748	ug/l	99
26) 2,2-Dichloropropane	4.477	77	159629	40.424	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	181475	56.385	ug/l	93
28) Bromochloromethane	4.903	49	114333	58.612	ug/l	91
29) Tetrahydrofuran	5.007	42	396695	292.139	ug/l	94
30) Chloroform	5.099	83	292757	54.883	ug/l	98
31) Cyclohexane	5.476	56	233831	54.556	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	250861	51.653	ug/l	99
36) 1,1-Dichloropropene	5.696	75	207572	55.745	ug/l	97
37) Ethyl Acetate	4.721	43	224643	60.545	ug/l	99
38) Carbon Tetrachloride	5.678	117	230693	54.154	ug/l	97
39) Methylcyclohexane	7.385	83	249223	53.225	ug/l	98
40) Benzene	6.043	78	637161	59.644	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	125220	61.882	ug/l	94
42) 1,2-Dichloroethane	6.092	62	217847	54.412	ug/l	100
43) Isopropyl Acetate	6.348	43	333127	55.786	ug/l	98
44) Trichloroethene	7.129	130	178227	54.959	ug/l	96
45) 1,2-Dichloropropane	7.433	63	151772	55.778	ug/l	98
46) Dibromomethane	7.586	93	114392	55.034	ug/l	95
47) Bromodichloromethane	7.824	83	218014	55.704	ug/l	98
48) Methyl methacrylate	7.696	41	162142	54.866	ug/l	94
49) 1,4-Dioxane	7.659	88	89182	1174.936	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1139878	299.031	ug/l	97
52) Toluene	8.720	92	414316	57.876	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	216988	54.019	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	244488	55.924	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	174726	59.945	ug/l	99
56) Ethyl methacrylate	9.122	69	251317	57.628	ug/l	94
57) 1,3-Dichloropropane	9.311	76	276372	58.405	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	650717	294.969	ug/l	99
59) 2-Hexanone	9.433	43	886224	301.859	ug/l	94
60) Dibromochloromethane	9.525	129	183759	57.271	ug/l	96
61) 1,2-Dibromoethane	9.610	107	184595	57.621	ug/l	98
64) Tetrachloroethene	9.275	164	175924	55.225	ug/l	97
65) Chlorobenzene	10.079	112	456145	54.121	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	170457	54.207	ug/l	99
67) Ethyl Benzene	10.195	91	786239	54.501	ug/l	99
68) m/p-Xylenes	10.305	106	632179	111.295	ug/l	97
69) o-Xylene	10.646	106	312139	56.596	ug/l	97
70) Styrene	10.659	104	520023	57.720	ug/l	100
71) Bromoform	10.805	173	137671	54.801	ug/l #	99
73) Isopropylbenzene	10.963	105	800168	51.565	ug/l	99
74) N-amyl acetate	10.847	43	278007	50.525	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	265524	54.018	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	237965m	53.401	ug/l	
77) Bromobenzene	11.201	156	206012	52.670	ug/l	93
78) n-propylbenzene	11.305	91	899034	52.777	ug/l	96
79) 2-Chlorotoluene	11.366	91	553632	51.810	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	688385	52.708	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	68839	46.916	ug/l	91
82) 4-Chlorotoluene	11.457	91	629121	51.709	ug/l	97
83) tert-Butylbenzene	11.719	119	675767	52.230	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	691610	53.098	ug/l	100
85) sec-Butylbenzene	11.890	105	831493	53.181	ug/l	99
86) p-Isopropyltoluene	12.012	119	714342	53.192	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	388333	53.585	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	386311	52.682	ug/l	99
89) n-Butylbenzene	12.335	91	584231	52.130	ug/l	97
90) Hexachloroethane	12.542	117	111465	52.046	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	383967	54.262	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59589	52.856	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	240512	53.029	ug/l	99
94) Hexachlorobutadiene	13.725	225	102761	51.291	ug/l	94
95) Naphthalene	13.780	128	837334	56.712	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	245985	53.616	ug/l	96

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

