

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011222\
 Data File : VX026435.D
 Acq On : 12 Jan 2022 10:44
 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 01/13/2022
 Supervised By : Mahesh Dadoda 01/13/2022

Quant Time: Jan 13 05:52:00 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	114227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185134	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79945	50.101	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.200%			
35) Dibromofluoromethane	5.385	113	61001	51.024	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.040%			
50) Toluene-d8	8.647	98	219888	51.039	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.080%			
62) 4-Bromofluorobenzene	11.079	95	79242	51.777	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	67946	50.374	ug/l	100
3) Chloromethane	1.294	50	63207	51.118	ug/l	99
4) Vinyl Chloride	1.380	62	66830	51.478	ug/l	98
5) Bromomethane	1.618	94	30735	51.321	ug/l	95
6) Chloroethane	1.691	64	31769	48.393	ug/l	99
7) Trichlorofluoromethane	1.892	101	103878	50.681	ug/l	98
8) Diethyl Ether	2.136	74	36739	50.654	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	64953	52.001	ug/l	99
10) Methyl Iodide	2.459	142	72749	53.738	ug/l	100
11) Tert butyl alcohol	3.020	59	58257	262.449	ug/l	98
12) 1,1-Dichloroethene	2.325	96	61035	51.163	ug/l	96
13) Acrolein	2.239	56	63580	269.554	ug/l	100
14) Allyl chloride	2.666	41	113629	51.795	ug/l	100
15) Acrylonitrile	3.069	53	170137	248.992	ug/l	99
16) Acetone	2.386	43	199133	244.717	ug/l	99
17) Carbon Disulfide	2.514	76	173167	49.719	ug/l	98
18) Methyl Acetate	2.703	43	79248	48.987	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	217862	50.331	ug/l	100
20) Methylene Chloride	2.794	84	65403	48.646	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	65734	50.899	ug/l	96
22) Diisopropyl ether	3.757	45	229164	51.425	ug/l	93
23) Vinyl Acetate	3.721	43	959591	261.596	ug/l	99
24) 1,1-Dichloroethane	3.611	63	122428	50.870	ug/l	100
25) 2-Butanone	4.556	43	269798	254.953	ug/l	99
26) 2,2-Dichloropropane	4.477	77	92396	51.794	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	75597	51.289	ug/l	99
28) Bromochloromethane	4.897	49	53977	54.620	ug/l	99
29) Tetrahydrofuran	5.007	42	156480	248.973	ug/l	99
30) Chloroform	5.099	83	127701	51.068	ug/l	99
31) Cyclohexane	5.477	56	119783	50.894	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	115755	52.627	ug/l	99
36) 1,1-Dichloropropene	5.696	75	97947	51.897	ug/l	100
37) Ethyl Acetate	4.708	43	97449	51.043	ug/l	100
38) Carbon Tetrachloride	5.678	117	103351	53.237	ug/l	97
39) Methylcyclohexane	7.379	83	120569	52.962	ug/l	98
40) Benzene	6.038	78	268619	51.493	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	57071	52.770	ug/l	98
42) 1,2-Dichloroethane	6.086	62	103290	50.608	ug/l	100
43) Isopropyl Acetate	6.336	43	158694	51.458	ug/l	99
44) Trichloroethene	7.123	130	76335	51.569	ug/l	99
45) 1,2-Dichloropropane	7.428	63	68510	52.614	ug/l	98
46) Dibromomethane	7.580	93	47639	51.899	ug/l	100
47) Bromodichloromethane	7.824	83	97728	52.693	ug/l	98
48) Methyl methacrylate	7.690	41	78511	51.370	ug/l	100
49) 1,4-Dioxane	7.696	88	25273	1007.640	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	466814	255.199	ug/l	100
52) Toluene	8.720	92	166336	51.997	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	96885	48.910	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	108989	54.713	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	64090	51.339	ug/l	99
56) Ethyl methacrylate	9.116	69	101912	53.270	ug/l	99
57) 1,3-Dichloropropane	9.305	76	112913	52.171	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	253315	252.515	ug/l	100
59) 2-Hexanone	9.433	43	368172	262.974	ug/l	100
60) Dibromochloromethane	9.519	129	69932	53.757	ug/l	99
61) 1,2-Dibromoethane	9.610	107	67668	52.020	ug/l	100
64) Tetrachloroethene	9.275	164	78213	52.821	ug/l	97
65) Chlorobenzene	10.079	112	169005	51.200	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	64303	52.428	ug/l	99
67) Ethyl Benzene	10.195	91	316669	52.792	ug/l	99
68) m/p-Xylenes	10.299	106	238128	106.080	ug/l	99
69) o-Xylene	10.640	106	115471	53.309	ug/l	99
70) Styrene	10.659	104	190535	53.907	ug/l	99
71) Bromoform	10.799	173	45797	48.839	ug/l #	100
73) Isopropylbenzene	10.963	105	307727	51.399	ug/l	100
74) N-amyl acetate	10.842	43	122041	52.801	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	80999	50.404	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	81891m	50.921	ug/l	
77) Bromobenzene	11.201	156	69434	50.623	ug/l	99
78) n-propylbenzene	11.305	91	356153	52.165	ug/l	99
79) 2-Chlorotoluene	11.366	91	209836	50.683	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	256927	52.053	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23972	47.317	ug/l	98
82) 4-Chlorotoluene	11.457	91	242873	51.042	ug/l	100
83) tert-Butylbenzene	11.713	119	236846	51.401	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	256002	51.855	ug/l	100
85) sec-Butylbenzene	11.890	105	316602	53.120	ug/l	99
86) p-Isopropyltoluene	12.012	119	267620	53.520	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	130594	50.796	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	131585	50.567	ug/l	99
89) n-Butylbenzene	12.335	91	236040	55.007	ug/l	99
90) Hexachloroethane	12.542	117	40633	48.751	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	125643	51.714	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20335	52.356	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	81612	52.395	ug/l	97
94) Hexachlorobutadiene	13.725	225	35179	53.501	ug/l	98
95) Naphthalene	13.774	128	273716	52.682	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	80368	52.464	ug/l	99

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

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