

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027656.D
 Acq On : 23 Mar 2022 10:09
 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 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 23 17:24:42 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	5.550	168	358229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	540781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	499448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	252680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	183073	41.485	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	82.960%		
35) Dibromofluoromethane	5.385	113	158159	45.457	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.920%		
50) Toluene-d8	8.647	98	594529	45.156	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.320%		
62) 4-Bromofluorobenzene	11.079	95	223835	46.254	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	169912	49.414	ug/l	98
3) Chloromethane	1.294	50	147483	48.317	ug/l	100
4) Vinyl Chloride	1.374	62	169689	48.114	ug/l	100
5) Bromomethane	1.599	94	78190	42.520	ug/l	99
6) Chloroethane	1.679	64	107605	49.720	ug/l	100
7) Trichlorofluoromethane	1.880	101	267435	45.936	ug/l	98
8) Diethyl Ether	2.130	74	102640	47.330	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	172658	49.802	ug/l	93
10) Methyl Iodide	2.453	142	178213	38.833	ug/l	100
11) Tert butyl alcohol	2.965	59	172014	204.526	ug/l	99
12) 1,1-Dichloroethene	2.319	96	162920	48.978	ug/l	92
13) Acrolein	2.233	56	107877	165.291	ug/l	98
14) Allyl chloride	2.660	41	245087	47.084	ug/l	96
15) Acrylonitrile	3.062	53	454380	237.639	ug/l	99
16) Acetone	2.380	43	497109	276.359	ug/l	97
17) Carbon Disulfide	2.508	76	382339	45.172	ug/l	100
18) Methyl Acetate	2.703	43	200271	46.456	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	541343	48.235	ug/l	100
20) Methylene Chloride	2.788	84	177319	45.849	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	169571	47.790	ug/l	98
22) Diisopropyl ether	3.757	45	498788	49.068	ug/l #	85
23) Vinyl Acetate	3.721	43	2165230	244.932	ug/l	96
24) 1,1-Dichloroethane	3.605	63	299804	48.492	ug/l	98
25) 2-Butanone	4.556	43	690193	255.032	ug/l	98
26) 2,2-Dichloropropane	4.477	77	246467	48.818	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	201639	49.002	ug/l	97
28) Bromochloromethane	4.897	49	115163	46.176	ug/l	92
29) Tetrahydrofuran	5.001	42	403784	232.580	ug/l	93
30) Chloroform	5.093	83	329518	48.317	ug/l	100
31) Cyclohexane	5.471	56	264790	48.320	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	299339	48.208	ug/l	98
36) 1,1-Dichloropropene	5.690	75	239868	50.449	ug/l	98
37) Ethyl Acetate	4.715	43	240527	50.768	ug/l	99
38) Carbon Tetrachloride	5.672	117	269870	49.613	ug/l	98
39) Methylcyclohexane	7.379	83	315208	52.719	ug/l	99
40) Benzene	6.038	78	692925	50.798	ug/l	100

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41) Methacrylonitrile	4.916	41	133449	51.647	ug/l	94
42) 1,2-Dichloroethane	6.086	62	257159	50.302	ug/l	98
43) Isopropyl Acetate	6.336	43	378338	49.618	ug/l	97
44) Trichloroethene	7.123	130	216368	52.252	ug/l	96
45) 1,2-Dichloropropane	7.428	63	178295	51.316	ug/l	99
46) Dibromomethane	7.580	93	132083	49.765	ug/l	96
47) Bromodichloromethane	7.824	83	230968	46.216	ug/l #	99
48) Methyl methacrylate	7.690	41	189494	50.216	ug/l	93
49) 1,4-Dioxane	7.659	88	83551	862.049	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1218907	250.421	ug/l	96
52) Toluene	8.720	92	479639	52.471	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	267654	52.182	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	292818	52.455	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	198516	53.338	ug/l	98
56) Ethyl methacrylate	9.116	69	294006	52.797	ug/l	93
57) 1,3-Dichloropropane	9.311	76	292142	48.350	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1016350	361.079	ug/l	98
59) 2-Hexanone	9.433	43	833652	222.376	ug/l	99
60) Dibromochloromethane	9.525	129	200017	48.820	ug/l	96
61) 1,2-Dibromoethane	9.610	107	200276	48.959	ug/l	99
64) Tetrachloroethene	9.275	164	204091	52.556	ug/l	98
65) Chlorobenzene	10.079	112	514164	50.045	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	190999	49.827	ug/l	99
67) Ethyl Benzene	10.195	91	885575	50.357	ug/l	96
68) m/p-Xylenes	10.305	106	727781	105.106	ug/l	95
69) o-Xylene	10.640	106	357047	53.108	ug/l	96
70) Styrene	10.659	104	595937	54.262	ug/l	99
71) Bromoform	10.799	173	158779	51.848	ug/l #	100
73) Isopropylbenzene	10.963	105	950733	51.657	ug/l	99
74) N-amyl acetate	10.842	43	307017	47.045	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	291278	49.963	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	265598m	50.253	ug/l	
77) Bromobenzene	11.201	156	242419	52.256	ug/l	91
78) n-propylbenzene	11.305	91	1065041	52.715	ug/l	97
79) 2-Chlorotoluene	11.366	91	640086	50.505	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	808514	52.195	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	84342	48.465	ug/l	96
82) 4-Chlorotoluene	11.457	91	736190	51.018	ug/l	97
83) tert-Butylbenzene	11.719	119	775732	50.552	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	781447	50.585	ug/l	99
85) sec-Butylbenzene	11.890	105	959777	51.757	ug/l	99
86) p-Isopropyltoluene	12.012	119	828091	51.990	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	428129	49.810	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	429103	49.338	ug/l	99
89) n-Butylbenzene	12.335	91	714556	53.757	ug/l	97
90) Hexachloroethane	12.542	117	127530	50.207	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	425585	50.710	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	65000	48.612	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	280658	52.174	ug/l	99
94) Hexachlorobutadiene	13.725	225	127065	53.474	ug/l	93
95) Naphthalene	13.780	128	908210	51.864	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	279020	51.277	ug/l	96

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

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