

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025200.D
 Acq On : 17 Nov 2021 20:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 18 06:28:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	117115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	181791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60361	48.896	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.800%		
35) Dibromofluoromethane	5.385	113	55626	49.871	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.740%		
50) Toluene-d8	8.653	98	210191	50.120	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.240%		
62) 4-Bromofluorobenzene	11.085	95	78617	49.552	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53661	52.857	ug/l	98
3) Chloromethane	1.288	50	59061	46.985	ug/l	97
4) Vinyl Chloride	1.374	62	67401	48.838	ug/l	100
5) Bromomethane	1.593	94	27087	45.651	ug/l	100
6) Chloroethane	1.678	64	42291	44.412	ug/l	96
7) Trichlorofluoromethane	1.880	101	100662	49.142	ug/l	98
8) Diethyl Ether	2.136	74	38852	45.959	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	52029	47.737	ug/l	96
10) Methyl Iodide	2.453	142	68554	50.305	ug/l	92
11) Tert butyl alcohol	2.971	59	75949	248.670	ug/l	97
12) 1,1-Dichloroethene	2.319	96	50841	46.838	ug/l	87
13) Acrolein	2.239	56	13054	230.824	ug/l	97
14) Allyl chloride	2.660	41	87735	44.660	ug/l	94
15) Acrylonitrile	3.068	53	161957	244.482	ug/l	98
16) Acetone	2.380	43	138223	201.507	ug/l	94
17) Carbon Disulfide	2.508	76	135824	44.481	ug/l	99
18) Methyl Acetate	2.703	43	102001	46.541	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	176646	46.706	ug/l	99
20) Methylene Chloride	2.788	84	57485	44.581	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	55036	46.282	ug/l	86
22) Diisopropyl ether	3.763	45	174207	46.565	ug/l	99
23) Vinyl Acetate	3.727	43	707328	235.373	ug/l	96
24) 1,1-Dichloroethane	3.611	63	96011	46.967	ug/l	96
25) 2-Butanone	4.562	43	228733	230.640	ug/l	95
26) 2,2-Dichloropropane	4.477	77	81697	44.082	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	64512	46.457	ug/l	90
28) Bromochloromethane	4.897	49	45602	47.841	ug/l	93
29) Tetrahydrofuran	5.007	42	145006	236.144	ug/l	96
30) Chloroform	5.099	83	99869	46.945	ug/l	98
31) Cyclohexane	5.470	56	87603	45.922	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	91104	46.775	ug/l	96
36) 1,1-Dichloropropene	5.696	75	73307	46.219	ug/l	97
37) Ethyl Acetate	4.721	43	86078	47.701	ug/l	98
38) Carbon Tetrachloride	5.684	117	82657	47.316	ug/l	99
39) Methylcyclohexane	7.385	83	93454	45.936	ug/l	93
40) Benzene	6.044	78	224518	46.729	ug/l	98

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41) Methacrylonitrile	4.928	41	46652	46.578	ug/l	95
42) 1,2-Dichloroethane	6.092	62	74333	47.547	ug/l	93
43) Isopropyl Acetate	6.342	43	140904	46.919	ug/l	97
44) Trichloroethene	7.129	130	64989	46.562	ug/l	96
45) 1,2-Dichloropropane	7.434	63	56180	47.608	ug/l	100
46) Dibromomethane	7.586	93	40427	47.192	ug/l	93
47) Bromodichloromethane	7.824	83	80083	47.570	ug/l	98
48) Methyl methacrylate	7.696	41	64942	46.076	ug/l	94
49) 1,4-Dioxane	7.659	88	29784	1000.677	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	455484	241.876	ug/l	97
52) Toluene	8.720	92	146794	46.798	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	88277	47.154	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	94414	46.525	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	59882	48.032	ug/l	98
56) Ethyl methacrylate	9.116	69	96930	47.910	ug/l	95
57) 1,3-Dichloropropane	9.311	76	97972	47.413	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	218035	231.637	ug/l	94
59) 2-Hexanone	9.433	43	354429	238.736	ug/l	96
60) Dibromochloromethane	9.525	129	67943	47.350	ug/l	99
61) 1,2-Dibromoethane	9.610	107	64172	47.525	ug/l	98
64) Tetrachloroethene	9.275	164	65539	46.905	ug/l	94
65) Chlorobenzene	10.079	112	162748	47.132	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	62775	47.406	ug/l	99
67) Ethyl Benzene	10.195	91	282294	47.308	ug/l	98
68) m/p-Xylenes	10.305	106	227488	93.334	ug/l	92
69) o-Xylene	10.646	106	111055	46.553	ug/l	91
70) Styrene	10.659	104	185963	47.187	ug/l	96
71) Bromoform	10.805	173	55239	48.048	ug/l #	100
73) Isopropylbenzene	10.963	105	286916	46.090	ug/l	98
74) N-amyl acetate	10.848	43	123534	45.880	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	92948	46.161	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	84007m	46.966	ug/l	
77) Bromobenzene	11.201	156	72720	45.424	ug/l	94
78) n-propylbenzene	11.305	91	323192	46.252	ug/l	97
79) 2-Chlorotoluene	11.366	91	192633	45.282	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	239800	45.828	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	32335	45.540	ug/l	88
82) 4-Chlorotoluene	11.457	91	220193	45.344	ug/l	95
83) tert-Butylbenzene	11.719	119	242004	45.508	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	239634	46.335	ug/l	95
85) sec-Butylbenzene	11.896	105	302481	46.788	ug/l	98
86) p-Isopropyltoluene	12.012	119	256409	46.161	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	137680	46.199	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	137894	45.665	ug/l	97
89) n-Butylbenzene	12.335	91	211188	45.107	ug/l	96
90) Hexachloroethane	12.542	117	47477	46.381	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	135202	46.552	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21088	50.138	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	85307	49.904	ug/l	99
94) Hexachlorobutadiene	13.725	225	36578	44.564	ug/l	99
95) Naphthalene	13.780	128	287412	48.757	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	85409	51.074	ug/l	99

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

