

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091021\
 Data File : VX024153.D
 Acq On : 10 Sep 2021 09:50
 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

MMDadoda
 9/13/2021 7:33:35 PM

Quant Time: Sep 11 04:18:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	194501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	296597	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	281805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	121284	44.678	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.360%		
35) Dibromofluoromethane	5.391	113	94257	48.014	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.020%		
50) Toluene-d8	8.653	98	332376	44.485	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.960%#		
62) 4-Bromofluorobenzene	11.085	95	142932	51.965	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	109424	53.323	ug/l	99
3) Chloromethane	1.294	50	100455	44.592	ug/l	99
4) Vinyl Chloride	1.380	62	100309	45.655	ug/l	98
5) Bromomethane	1.599	94	58813	42.576	ug/l	98
6) Chloroethane	1.679	64	64855	39.804	ug/l	99
7) Trichlorofluoromethane	1.886	101	175472	50.574	ug/l	97
8) Diethyl Ether	2.142	74	57343	47.327	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	102788	52.648	ug/l	96
10) Methyl Iodide	2.453	142	135676	49.909	ug/l	92
11) Tert butyl alcohol	2.983	59	135216	246.304	ug/l	100
12) 1,1-Dichloroethene	2.319	96	94432	50.590	ug/l	94
13) Acrolein	2.239	56	75775	231.947	ug/l	96
14) Allyl chloride	2.666	41	166403	48.373	ug/l	91
15) Acrylonitrile	3.069	53	279881	228.813	ug/l	98
16) Acetone	2.386	43	329434	271.412	ug/l	90
17) Carbon Disulfide	2.514	76	226874	50.960	ug/l	100
18) Methyl Acetate	2.709	43	182916	60.367	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	349078	53.732	ug/l	100
20) Methylene Chloride	2.794	84	109800	47.358	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	104343	52.334	ug/l	95
22) Diisopropyl ether	3.770	45	339373	49.533	ug/l	98
23) Vinyl Acetate	3.727	43	1433527	258.646	ug/l	95
24) 1,1-Dichloroethane	3.611	63	193093	50.640	ug/l	98
25) 2-Butanone	4.568	43	435605	236.942	ug/l	96
26) 2,2-Dichloropropane	4.483	77	181061	57.855	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	122339	51.567	ug/l	96
28) Bromochloromethane	4.904	49	74296	42.853	ug/l	98
29) Tetrahydrofuran	5.013	42	263431	221.218	ug/l	91
30) Chloroform	5.099	83	209898	51.988	ug/l	99
31) Cyclohexane	5.477	56	172105	49.348	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	191621	55.427	ug/l	99
36) 1,1-Dichloropropene	5.696	75	153696	55.956	ug/l	99
37) Ethyl Acetate	4.721	43	156669	46.402	ug/l	94
38) Carbon Tetrachloride	5.684	117	169814	59.289	ug/l	97
39) Methylcyclohexane	7.385	83	193187	57.765	ug/l	97
40) Benzene	6.044	78	429566	52.890	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	85807	46.881	ug/l	93
42) 1,2-Dichloroethane	6.092	62	178620	55.957	ug/l	94
43) Isopropyl Acetate	6.348	43	264158	50.019	ug/l	93
44) Trichloroethene	7.129	130	124752	55.603	ug/l	93
45) 1,2-Dichloropropane	7.434	63	113976	52.847	ug/l	98
46) Dibromomethane	7.586	93	81400	54.236	ug/l	98
47) Bromodichloromethane	7.824	83	157717	58.088	ug/l	99
48) Methyl methacrylate	7.696	41	163452	63.444	ug/l	88
49) 1,4-Dioxane	7.665	88	51485	945.563	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	842000	246.643	ug/l	92
52) Toluene	8.720	92	286559	54.449	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	181560	51.694	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	188763	57.375	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	119136	54.984	ug/l	98
56) Ethyl methacrylate	9.122	69	145832	39.551	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	192331	53.519	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	450907	258.439	ug/l	99
59) 2-Hexanone	9.433	43	677165	258.052	ug/l	90
60) Dibromochloromethane	9.525	129	128796	53.693	ug/l	100
61) 1,2-Dibromoethane	9.610	107	128975	56.346	ug/l	99
64) Tetrachloroethene	9.275	164	125199	55.624	ug/l	95
65) Chlorobenzene	10.079	112	323714	55.049	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	122088	58.333	ug/l	100
67) Ethyl Benzene	10.195	91	587711	57.232	ug/l	99
68) m/p-Xylenes	10.305	106	443254	113.325	ug/l	98
69) o-Xylene	10.646	106	212613	55.315	ug/l	98
70) Styrene	10.659	104	326404	52.126	ug/l	96
71) Bromoform	10.805	173	93488	54.779	ug/l #	98
73) Isopropylbenzene	10.963	105	594029	53.672	ug/l	100
74) N-amyl acetate	10.848	43	235986	47.181	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	174610	48.139	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	169630m	50.114	ug/l	
77) Bromobenzene	11.201	156	148533	54.488	ug/l	95
78) n-propylbenzene	11.305	91	673819	53.229	ug/l	99
79) 2-Chlorotoluene	11.366	91	402989	52.670	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	506460	55.683	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	60708	52.757	ug/l	94
82) 4-Chlorotoluene	11.457	91	471142	54.250	ug/l	100
83) tert-Butylbenzene	11.719	119	485213	54.928	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	506568	55.858	ug/l	99
85) sec-Butylbenzene	11.896	105	584471	52.261	ug/l	100
86) p-Isopropyltoluene	12.012	119	537510	58.396	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	260252	52.769	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	262666	53.400	ug/l	100
89) n-Butylbenzene	12.335	91	473702	57.639	ug/l	98
90) Hexachloroethane	12.542	117	84042	52.310	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	248362	51.980	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	39931	47.084	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	165056	57.398	ug/l	98
94) Hexachlorobutadiene	13.725	225	75691	59.055	ug/l	98
95) Naphthalene	13.780	128	531918	50.114	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	165505	57.790	ug/l	98

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

