

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024367.D
 Acq On : 20 Sep 2021 22:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:40:25 PM

Quant Time: Sep 22 08:53:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	188668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	302650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150688	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	123127	45.766	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.540%		
35) Dibromofluoromethane	5.397	113	96834	47.709	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.420%		
50) Toluene-d8	8.653	98	360578	48.766	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.540%		
62) 4-Bromofluorobenzene	11.085	95	147207	51.157	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	88036	48.542	ug/l	99
3) Chloromethane	1.294	50	93395	49.314	ug/l	99
4) Vinyl Chloride	1.380	62	92410	49.028	ug/l	99
5) Bromomethane	1.599	94	51466	45.867	ug/l	99
6) Chloroethane	1.678	64	52256	41.973	ug/l	97
7) Trichlorofluoromethane	1.886	101	135447	42.839	ug/l	97
8) Diethyl Ether	2.142	74	46631	42.623	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	92834	49.980	ug/l	97
10) Methyl Iodide	2.453	142	126928	49.394	ug/l	93
11) Tert butyl alcohol	2.983	59	140465	247.147	ug/l	99
12) 1,1-Dichloroethene	2.319	96	87413	50.249	ug/l	94
13) Acrolein	2.245	56	39697	223.877	ug/l	97
14) Allyl chloride	2.666	41	161019	50.932	ug/l	95
15) Acrylonitrile	3.075	53	291716	265.101	ug/l	98
16) Acetone	2.392	43	257653	224.604	ug/l	91
17) Carbon Disulfide	2.514	76	202374	46.421	ug/l	97
18) Methyl Acetate	2.715	43	186719	51.917	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	331101	51.790	ug/l	100
20) Methylene Chloride	2.794	84	106898	48.527	ug/l	93
21) trans-1,2-Dichloroethene	3.099	96	94960	49.862	ug/l	99
22) Diisopropyl ether	3.776	45	333108	53.646	ug/l	93
23) Vinyl Acetate	3.733	43	1332024	264.200	ug/l	95
24) 1,1-Dichloroethane	3.617	63	185662	50.956	ug/l	98
25) 2-Butanone	4.568	43	421189	249.282	ug/l	94
26) 2,2-Dichloropropane	4.483	77	134455	42.131	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	114975	52.275	ug/l	99
28) Bromochloromethane	4.903	49	73879	49.764	ug/l	98
29) Tetrahydrofuran	5.019	42	274691	259.745	ug/l	90
30) Chloroform	5.105	83	201255	51.941	ug/l	95
31) Cyclohexane	5.477	56	159984	50.838	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	178566	51.493	ug/l	99
36) 1,1-Dichloropropene	5.702	75	141483	50.846	ug/l	99
37) Ethyl Acetate	4.727	43	159924	49.324	ug/l	95
38) Carbon Tetrachloride	5.684	117	156876	50.090	ug/l	99
39) Methylcyclohexane	7.385	83	169823	51.118	ug/l	96
40) Benzene	6.050	78	412043	51.630	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	91396	52.859	ug/l	92
42) 1,2-Dichloroethane	6.092	62	165176	49.633	ug/l	95
43) Isopropyl Acetate	6.354	43	258384	50.063	ug/l	95
44) Trichloroethene	7.135	130	114364	51.002	ug/l	98
45) 1,2-Dichloropropane	7.440	63	108364	51.445	ug/l	99
46) Dibromomethane	7.586	93	78912	51.180	ug/l	96
47) Bromodichloromethane	7.830	83	149368	52.099	ug/l	99
48) Methyl methacrylate	7.702	41	130710	50.757	ug/l	91
49) 1,4-Dioxane	7.665	88	53931	1000.180	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	874695	265.957	ug/l	93
52) Toluene	8.726	92	274976	52.570	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	166981	51.358	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	173088	51.444	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	115896	52.026	ug/l	97
56) Ethyl methacrylate	9.122	69	182331	49.059	ug/l	88
57) 1,3-Dichloropropane	9.311	76	189697	52.289	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	428853	266.021	ug/l	98
59) 2-Hexanone	9.433	43	694902	271.162	ug/l	90
60) Dibromochloromethane	9.525	129	120038	47.601	ug/l	100
61) 1,2-Dibromoethane	9.616	107	123354	51.968	ug/l	99
64) Tetrachloroethene	9.281	164	115380	50.444	ug/l	97
65) Chlorobenzene	10.085	112	311845	51.339	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	116607	51.797	ug/l	99
67) Ethyl Benzene	10.195	91	548417	51.611	ug/l	99
68) m/p-Xylenes	10.305	106	432447	106.302	ug/l	100
69) o-Xylene	10.646	106	212303	52.281	ug/l	99
70) Styrene	10.659	104	359379	54.554	ug/l	98
71) Bromoform	10.805	173	91188	48.577	ug/l #	100
73) Isopropylbenzene	10.963	105	564128	50.273	ug/l	100
74) N-amyl acetate	10.848	43	242045	51.239	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	183071	50.429	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	170224m	49.128	ug/l	
77) Bromobenzene	11.201	156	142519	50.535	ug/l	94
78) n-propylbenzene	11.305	91	645708	50.937	ug/l	99
79) 2-Chlorotoluene	11.366	91	398843	50.652	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	477830	50.517	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	55480	47.091	ug/l	95
82) 4-Chlorotoluene	11.457	91	451051	50.346	ug/l	100
83) tert-Butylbenzene	11.719	119	462785	50.692	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	475590	51.114	ug/l	99
85) sec-Butylbenzene	11.896	105	599185	52.384	ug/l	99
86) p-Isopropyltoluene	12.012	119	496570	51.719	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	260073	51.484	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	258879	50.206	ug/l	99
89) n-Butylbenzene	12.335	91	430952	51.874	ug/l	97
90) Hexachloroethane	12.542	117	80706	52.172	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	253318	51.114	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38905	46.712	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	150098	51.395	ug/l	99
94) Hexachlorobutadiene	13.725	225	69149	47.415	ug/l	99
95) Naphthalene	13.780	128	518656	48.209	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	153356	52.096	ug/l	99

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

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