

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082621\
 Data File : VX023953.D
 Acq On : 26 Aug 2021 09:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/27/2021 4:45:16 PM

Quant Time: Aug 27 05:52:06 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	198008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	310636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140433	50.816	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.640%			
35) Dibromofluoromethane	5.391	113	107535	52.303	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.600%			
50) Toluene-d8	8.653	98	395516	50.543	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.080%			
62) 4-Bromofluorobenzene	11.085	95	157971	54.837	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.680%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	101918	48.785	ug/l	98
3) Chloromethane	1.295	50	107268	46.773	ug/l	99
4) Vinyl Chloride	1.374	62	102211	45.697	ug/l	100
5) Bromomethane	1.599	94	67866	48.260	ug/l	99
6) Chloroethane	1.679	64	65739	39.620	ug/l	98
7) Trichlorofluoromethane	1.886	101	169987	48.126	ug/l	100
8) Diethyl Ether	2.136	74	58470	47.402	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	101128	50.881	ug/l	96
10) Methyl Iodide	2.453	142	134198	48.491	ug/l	93
11) Tert butyl alcohol	2.977	59	119666	214.118	ug/l	97
12) 1,1-Dichloroethene	2.319	96	93533	49.220	ug/l	91
13) Acrolein	2.239	56	64911	195.174	ug/l	96
14) Allyl chloride	2.666	41	171359	48.931	ug/l	89
15) Acrylonitrile	3.069	53	286497	230.074	ug/l	98
16) Acetone	2.386	43	316713	256.310	ug/l	90
17) Carbon Disulfide	2.514	76	243297	53.681	ug/l	100
18) Methyl Acetate	2.709	43	139932	45.363	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	333917	50.488	ug/l	99
20) Methylene Chloride	2.794	84	108241	45.859	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	99863	49.200	ug/l	90
22) Diisopropyl ether	3.770	45	349222	50.068	ug/l	97
23) Vinyl Acetate	3.727	43	1439870	255.190	ug/l	94
24) 1,1-Dichloroethane	3.611	63	194487	50.102	ug/l	98
25) 2-Butanone	4.562	43	447363	239.028	ug/l	92
26) 2,2-Dichloropropane	4.483	77	170929	53.650	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	118664	49.132	ug/l	95
28) Bromochloromethane	4.904	49	101350	57.422	ug/l	91
29) Tetrahydrofuran	5.013	42	274054	226.063	ug/l	89
30) Chloroform	5.099	83	204779	49.822	ug/l	99
31) Cyclohexane	5.471	56	175874	49.535	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	180539	51.297	ug/l	97
36) 1,1-Dichloropropene	5.696	75	151834	52.780	ug/l	98
37) Ethyl Acetate	4.721	43	165142	46.701	ug/l #	94
38) Carbon Tetrachloride	5.678	117	162883	54.299	ug/l	99
39) Methylcyclohexane	7.385	83	188250	53.745	ug/l	97
40) Benzene	6.044	78	426529	50.142	ug/l	99

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41) Methacrylonitrile	4.922	41	90122	47.013	ug/l	91
42) 1,2-Dichloroethane	6.092	62	175574	52.517	ug/l	94
43) Isopropyl Acetate	6.348	43	272176	49.208	ug/l	92
44) Trichloroethene	7.129	130	118607	50.475	ug/l	96
45) 1,2-Dichloropropane	7.434	63	113848	50.402	ug/l	98
46) Dibromomethane	7.586	93	80015	50.903	ug/l	98
47) Bromodichloromethane	7.824	83	154979	54.500	ug/l	100
48) Methyl methacrylate	7.696	41	136314	50.519	ug/l	85
49) 1,4-Dioxane	7.659	88	49380	865.916	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	886423	247.920	ug/l	89
52) Toluene	8.720	92	280467	50.883	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	178913	48.764	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	184585	53.570	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	115042	50.695	ug/l	98
56) Ethyl methacrylate	9.116	69	182753	47.175	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	192318	51.097	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	448133	245.241	ug/l	96
59) 2-Hexanone	9.433	43	700930	255.036	ug/l	86
60) Dibromochloromethane	9.525	129	123071	49.136	ug/l	100
61) 1,2-Dibromoethane	9.610	107	124040	51.741	ug/l	99
64) Tetrachloroethene	9.275	164	117523	50.136	ug/l	96
65) Chlorobenzene	10.080	112	305540	49.891	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	115374	52.931	ug/l	99
67) Ethyl Benzene	10.195	91	557189	52.101	ug/l	99
68) m/p-Xylenes	10.305	106	433856	106.509	ug/l	99
69) o-Xylene	10.646	106	211662	52.876	ug/l	99
70) Styrene	10.659	104	357215	54.776	ug/l	97
71) Bromoform	10.799	173	90460	51.032	ug/l #	100
73) Isopropylbenzene	10.964	105	568676	48.926	ug/l	100
74) N-amyl acetate	10.848	43	255532	48.648	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	175987	46.201	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	168418m	47.379	ug/l	
77) Bromobenzene	11.201	156	138944	48.535	ug/l	97
78) n-propylbenzene	11.305	91	672598	50.594	ug/l	100
79) 2-Chlorotoluene	11.366	91	403975	50.277	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	491162	51.422	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	60209	49.823	ug/l	90
82) 4-Chlorotoluene	11.457	91	467274	51.234	ug/l	99
83) tert-Butylbenzene	11.719	119	472208	50.902	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	487168	51.153	ug/l	99
85) sec-Butylbenzene	11.890	105	617970	52.616	ug/l	100
86) p-Isopropyltoluene	12.012	119	518459	53.636	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	262157	50.616	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	266359	51.563	ug/l	99
89) n-Butylbenzene	12.335	91	461797	53.506	ug/l	98
90) Hexachloroethane	12.542	117	83459	49.545	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	256140	51.047	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40994	46.076	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	160121	53.022	ug/l	99
94) Hexachlorobutadiene	13.725	225	73991	54.971	ug/l	98
95) Naphthalene	13.780	128	516838	46.463	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	159081	52.893	ug/l	99

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

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