

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070721\
 Data File : VX023184.D
 Acq On : 07 Jul 2021 19:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/8/2021 9:42:28 AM

Quant Time: Jul 08 03:25:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	184048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	358774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	350100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	172180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	167046	67.531	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 135.060%#			
35) Dibromofluoromethane	5.397	113	121801	52.573	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.140%			
50) Toluene-d8	8.653	98	418006	48.368	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.740%			
62) 4-Bromofluorobenzene	11.085	95	172545	51.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	57222	34.313	ug/l	99
3) Chloromethane	1.294	50	94133	57.052	ug/l	98
4) Vinyl Chloride	1.374	62	87007	49.780	ug/l	98
5) Bromomethane	1.599	94	47480	53.363	ug/l	98
6) Chloroethane	1.678	64	63074	55.188	ug/l	97
7) Trichlorofluoromethane	1.880	101	118504	39.013	ug/l	97
8) Diethyl Ether	2.142	74	77413	69.050	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	61950	34.851	ug/l	97
10) Methyl Iodide	2.453	142	144121	66.027	ug/l	93
11) Tert butyl alcohol	2.983	59	191234	367.488	ug/l	98
12) 1,1-Dichloroethene	2.319	96	82830	50.487	ug/l	96
13) Acrolein	2.245	56	102346	295.351	ug/l	98
14) Allyl chloride	2.666	41	186784	65.518	ug/l	94
15) Acrylonitrile	3.075	53	388318	383.766	ug/l	99
16) Acetone	2.392	43	352857	360.561	ug/l	93
17) Carbon Disulfide	2.514	76	169285	48.925	ug/l	99
18) Methyl Acetate	2.715	43	180498	75.981	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	458301	74.691	ug/l	100
20) Methylene Chloride	2.794	84	132289	62.785	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	102663	57.940	ug/l	96
22) Diisopropyl ether	3.776	45	417604	69.480	ug/l	95
23) Vinyl Acetate	3.733	43	1907111	374.905	ug/l	97
24) 1,1-Dichloroethane	3.617	63	222995	65.664	ug/l	98
25) 2-Butanone	4.568	43	547805	371.211	ug/l	95
26) 2,2-Dichloropropane	4.483	77	141006	49.470	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	142548	66.420	ug/l	99
28) Bromochloromethane	4.910	49	107169	66.518	ug/l	99
29) Tetrahydrofuran	5.019	42	353276	372.410	ug/l	93
30) Chloroform	5.105	83	248482	67.735	ug/l	96
31) Cyclohexane	5.483	56	102815	34.715	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	181400	56.777	ug/l	100
36) 1,1-Dichloropropene	5.702	75	127875	39.981	ug/l	99
37) Ethyl Acetate	4.733	43	209620	60.079	ug/l	96
38) Carbon Tetrachloride	5.684	117	137885	41.302	ug/l	98
39) Methylcyclohexane	7.385	83	98308	26.280	ug/l	99
40) Benzene	6.050	78	484964	52.226	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	118315	60.659	ug/l	93
42) 1,2-Dichloroethane	6.092	62	216908	58.131	ug/l	95
43) Isopropyl Acetate	6.354	43	343540	59.195	ug/l	95
44) Trichloroethene	7.135	130	132675	50.366	ug/l	98
45) 1,2-Dichloropropane	7.440	63	135086	55.727	ug/l	99
46) Dibromomethane	7.586	93	100954	58.315	ug/l	98
47) Bromodichloromethane	7.830	83	186857	59.117	ug/l	98
48) Methyl methacrylate	7.702	41	170268	59.791	ug/l	89
49) 1,4-Dioxane	7.665	88	79969	1247.752	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1087186	302.315	ug/l	93
52) Toluene	8.720	92	309021	51.420	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	205838	51.430	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	217542	52.191	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	149567	59.267	ug/l	97
56) Ethyl methacrylate	9.122	69	238361	61.124	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	239984	57.533	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	589906	277.425	ug/l	100
59) 2-Hexanone	9.433	43	838019	303.711	ug/l	90
60) Dibromochloromethane	9.525	129	148530	52.541	ug/l	100
61) 1,2-Dibromoethane	9.616	107	156592	60.458	ug/l	99
64) Tetrachloroethene	9.281	164	114948	41.165	ug/l	96
65) Chlorobenzene	10.086	112	352126	50.880	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	141120	56.396	ug/l	100
67) Ethyl Benzene	10.195	91	574620	46.968	ug/l	99
68) m/p-Xylenes	10.305	106	448441	96.008	ug/l	98
69) o-Xylene	10.646	106	238354	50.634	ug/l	100
70) Styrene	10.659	104	412540	53.650	ug/l	98
71) Bromoform	10.805	173	106325	49.988	ug/l #	98
73) Isopropylbenzene	10.963	105	547769	45.160	ug/l	100
74) N-amyl acetate	10.848	43	294409	57.199	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.219	83	222471	57.728	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	206309m	59.544	ug/l	
77) Bromobenzene	11.201	156	161081	53.189	ug/l	98
78) n-propylbenzene	11.311	91	612790	43.690	ug/l	99
79) 2-Chlorotoluene	11.366	91	430101	49.616	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	488476	46.771	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	66755	53.437	ug/l	92
82) 4-Chlorotoluene	11.457	91	492309	50.290	ug/l	100
83) tert-Butylbenzene	11.719	119	453464	45.745	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	512684	49.674	ug/l	99
85) sec-Butylbenzene	11.896	105	510828	40.049	ug/l	100
86) p-Isopropyltoluene	12.012	119	452087	42.252	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	286767	50.426	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	291020	50.823	ug/l	99
89) n-Butylbenzene	12.335	91	356239	38.007	ug/l	98
90) Hexachloroethane	12.542	117	73997	41.002	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	294140	51.994	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	52433	55.182	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	171266	49.146	ug/l	98
94) Hexachlorobutadiene	13.725	225	46398	31.446	ug/l	99
95) Naphthalene	13.780	128	678876	52.742	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	179246	51.142	ug/l	98

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

