

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023545.D
 Acq On : 04 Aug 2021 16:40
 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
 8/6/2021 5:40:59 PM

Quant Time: Aug 05 06:08:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	212693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	344599	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	129129	48.670	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.340%		
35) Dibromofluoromethane	5.397	113	101140	46.942	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.880%		
50) Toluene-d8	8.653	98	363964	45.978	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.960%#		
62) 4-Bromofluorobenzene	11.085	95	140540	52.211	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.420%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	93422	47.743	ug/l	100
3) Chloromethane	1.294	50	109947	48.234	ug/l	98
4) Vinyl Chloride	1.374	62	108929	47.208	ug/l	100
5) Bromomethane	1.599	94	65177	47.579	ug/l	98
6) Chloroethane	1.678	64	72458	51.167	ug/l	97
7) Trichlorofluoromethane	1.880	101	180891	48.660	ug/l	96
8) Diethyl Ether	2.136	74	71240	51.920	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	103229	49.014	ug/l	97
10) Methyl Iodide	2.453	142	145492	55.138	ug/l	96
11) Tert butyl alcohol	2.983	59	154036	254.147	ug/l	99
12) 1,1-Dichloroethene	2.319	96	97717	46.757	ug/l	97
13) Acrolein	2.239	56	74891	243.099	ug/l	98
14) Allyl chloride	2.666	41	188436	49.594	ug/l	94
15) Acrylonitrile	3.068	53	358717	262.098	ug/l	98
16) Acetone	2.386	43	382337	293.770	ug/l	92
17) Carbon Disulfide	2.508	76	217628	42.231	ug/l	99
18) Methyl Acetate	2.709	43	165267	53.417	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	392943	54.076	ug/l	99
20) Methylene Chloride	2.794	84	124536	49.193	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	106106	47.794	ug/l	93
22) Diisopropyl ether	3.769	45	393584	52.476	ug/l	97
23) Vinyl Acetate	3.727	43	1789575	270.289	ug/l	94
24) 1,1-Dichloroethane	3.611	63	207765	50.399	ug/l	97
25) 2-Butanone	4.568	43	556692	275.519	ug/l	92
26) 2,2-Dichloropropane	4.483	77	169497	50.271	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	130679	50.685	ug/l	97
28) Bromochloromethane	4.903	49	92819	48.245	ug/l	95
29) Tetrahydrofuran	5.019	42	341300	257.702	ug/l	89
30) Chloroform	5.099	83	216743	51.368	ug/l	100
31) Cyclohexane	5.477	56	178423	45.397	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	182598	50.636	ug/l	97
36) 1,1-Dichloropropene	5.696	75	151754	48.682	ug/l	100
37) Ethyl Acetate	4.727	43	200266	50.953	ug/l	95
38) Carbon Tetrachloride	5.684	117	155678	49.107	ug/l	100
39) Methylcyclohexane	7.385	83	189825	48.218	ug/l	99
40) Benzene	6.043	78	459124	49.675	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	109546	52.786	ug/l	92
42) 1,2-Dichloroethane	6.092	62	183633	53.735	ug/l	95
43) Isopropyl Acetate	6.348	43	323428	53.105	ug/l	93
44) Trichloroethene	7.129	130	126026	49.633	ug/l	98
45) 1,2-Dichloropropane	7.433	63	126978	51.918	ug/l	100
46) Dibromomethane	7.586	93	89731	54.089	ug/l	98
47) Bromodichloromethane	7.824	83	162539	54.382	ug/l	100
48) Methyl methacrylate	7.696	41	157615	55.879	ug/l	87
49) 1,4-Dioxane	7.665	88	64476	1073.488	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	1058756	284.218	ug/l	91
52) Toluene	8.720	92	295442	51.596	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	190972	50.365	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	201685	54.131	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	131931	56.898	ug/l	99
56) Ethyl methacrylate	9.122	69	213191	57.359	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	215938	54.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	520020	264.111	ug/l	97
59) 2-Hexanone	9.433	43	824685	291.532	ug/l	88
60) Dibromochloromethane	9.525	129	133256	51.779	ug/l	99
61) 1,2-Dibromoethane	9.616	107	139011	56.192	ug/l	99
64) Tetrachloroethene	9.275	164	123458	47.617	ug/l	94
65) Chlorobenzene	10.079	112	332459	49.861	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	125697	49.078	ug/l	99
67) Ethyl Benzene	10.195	91	581711	50.303	ug/l	99
68) m/p-Xylenes	10.305	106	447283	100.570	ug/l	99
69) o-Xylene	10.646	106	224748	50.970	ug/l	98
70) Styrene	10.659	104	375482	53.746	ug/l	99
71) Bromoform	10.805	173	96940	48.394	ug/l #	99
73) Isopropylbenzene	10.963	105	579833	50.148	ug/l	99
74) N-amyl acetate	10.848	43	282787	53.609	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	192859	51.204	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	184485m	54.712	ug/l	
77) Bromobenzene	11.201	156	147092	52.736	ug/l	97
78) n-propylbenzene	11.305	91	667741	51.027	ug/l	99
79) 2-Chlorotoluene	11.366	91	402066	51.418	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	485882	51.600	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	65852	52.512	ug/l	92
82) 4-Chlorotoluene	11.457	91	462668	52.300	ug/l	100
83) tert-Butylbenzene	11.719	119	472301	51.134	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	486521	51.944	ug/l	100
85) sec-Butylbenzene	11.896	105	611372	51.049	ug/l	100
86) p-Isopropyltoluene	12.012	119	505811	52.301	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	265519	51.456	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	264254	50.469	ug/l	100
89) n-Butylbenzene	12.335	91	453590	51.810	ug/l	97
90) Hexachloroethane	12.542	117	82062	47.477	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	254211	50.879	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42086	46.225	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	163776	52.172	ug/l	99
94) Hexachlorobutadiene	13.731	225	69016	48.991	ug/l	99
95) Naphthalene	13.780	128	576770	53.439	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	165886	52.331	ug/l	99

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

