

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081321\
 Data File : VX023678.D
 Acq On : 13 Aug 2021 09:27
 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
 8/16/2021 5:06:07 PM

Quant Time: Aug 14 05:21:02 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	5.556	168	218098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	339888	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	324160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142463	52.365	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.720%			
35) Dibromofluoromethane	5.385	113	110186	51.849	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.700%			
50) Toluene-d8	8.653	98	402365	51.534	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.060%			
62) 4-Bromofluorobenzene	11.085	95	156554	58.967	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	93223	46.460	ug/l	99
3) Chloromethane	1.294	50	105821	45.273	ug/l	98
4) Vinyl Chloride	1.374	62	106627	45.066	ug/l	100
5) Bromomethane	1.599	94	63969	45.540	ug/l	97
6) Chloroethane	1.678	64	71139	48.991	ug/l	100
7) Trichlorofluoromethane	1.880	101	181560	47.629	ug/l	97
8) Diethyl Ether	2.136	74	65965	46.885	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	110619	51.222	ug/l	99
10) Methyl Iodide	2.453	142	133685	49.408	ug/l	96
11) Tert butyl alcohol	2.983	59	128530	206.808	ug/l	98
12) 1,1-Dichloroethene	2.318	96	97898	45.683	ug/l	93
13) Acrolein	2.239	56	69167	219.090	ug/l	95
14) Allyl chloride	2.666	41	182380	46.811	ug/l	90
15) Acrylonitrile	3.068	53	325868	232.196	ug/l	98
16) Acetone	2.386	43	482208	361.324	ug/l	91
17) Carbon Disulfide	2.507	76	211102	39.950	ug/l	99
18) Methyl Acetate	2.709	43	155580	49.040	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	369016	49.525	ug/l	97
20) Methylene Chloride	2.788	84	117850	45.398	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	104847	46.057	ug/l	94
22) Diisopropyl ether	3.769	45	387748	50.416	ug/l	95
23) Vinyl Acetate	3.727	43	1680443	247.516	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	210130	49.709	ug/l	98
25) 2-Butanone	4.568	43	574812	277.436	ug/l	92
26) 2,2-Dichloropropane	4.477	77	180512	52.211	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	128230	48.503	ug/l	95
28) Bromochloromethane	4.903	49	101795	51.599	ug/l	92
29) Tetrahydrofuran	5.013	42	303045	223.146	ug/l	89
30) Chloroform	5.098	83	219166	50.655	ug/l	99
31) Cyclohexane	5.476	56	182879	45.378	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	188611	51.008	ug/l	97
36) 1,1-Dichloropropene	5.696	75	156122	50.777	ug/l	99
37) Ethyl Acetate	4.721	43	181374	46.786	ug/l #	94
38) Carbon Tetrachloride	5.684	117	164607	52.643	ug/l	99
39) Methylcyclohexane	7.385	83	194587	50.113	ug/l	97
40) Benzene	6.043	78	459576	50.413	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	101902	49.783	ug/l	92
42) 1,2-Dichloroethane	6.092	62	182844	54.245	ug/l	95
43) Isopropyl Acetate	6.348	43	300052	49.949	ug/l	92
44) Trichloroethene	7.129	130	127472	50.899	ug/l	96
45) 1,2-Dichloropropane	7.433	63	124200	51.486	ug/l	97
46) Dibromomethane	7.586	93	87157	53.266	ug/l	97
47) Bromodichloromethane	7.824	83	162909	55.262	ug/l	97
48) Methyl methacrylate	7.696	41	149561	53.759	ug/l	85
49) 1,4-Dioxane	7.665	88	52927	893.418	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	985482	268.215	ug/l	90
52) Toluene	8.720	92	301025	53.300	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	189535	50.667	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	199947	54.408	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	130201	56.931	ug/l	100
56) Ethyl methacrylate	9.122	69	201997	55.101	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	211721	54.481	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	485284	249.886	ug/l	97
59) 2-Hexanone	9.433	43	810385	290.448	ug/l	87
60) Dibromochloromethane	9.525	129	132552	52.202	ug/l	99
61) 1,2-Dibromoethane	9.610	107	135687	55.609	ug/l	98
64) Tetrachloroethene	9.275	164	130900	50.738	ug/l	95
65) Chlorobenzene	10.079	112	337437	50.859	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	126178	49.502	ug/l	98
67) Ethyl Benzene	10.195	91	600110	52.152	ug/l	99
68) m/p-Xylenes	10.305	106	462563	104.523	ug/l	100
69) o-Xylene	10.646	106	227876	51.937	ug/l	99
70) Styrene	10.658	104	381792	54.921	ug/l	98
71) Bromoform	10.805	173	91295	45.991	ug/l #	98
73) Isopropylbenzene	10.963	105	610998	51.573	ug/l	100
74) N-amyl acetate	10.847	43	260688	48.232	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	182842	47.378	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	174511m	50.510	ug/l	
77) Bromobenzene	11.201	156	147347	51.558	ug/l	97
78) n-propylbenzene	11.305	91	710078	52.958	ug/l	99
79) 2-Chlorotoluene	11.366	91	418238	52.200	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	511213	52.985	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	61474	47.842	ug/l	90
82) 4-Chlorotoluene	11.457	91	482784	53.262	ug/l	100
83) tert-Butylbenzene	11.719	119	496058	52.416	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	503530	52.467	ug/l	99
85) sec-Butylbenzene	11.890	105	647536	52.769	ug/l	99
86) p-Isopropyltoluene	12.012	119	536715	54.162	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	268351	50.754	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	265842	49.552	ug/l	98
89) n-Butylbenzene	12.335	91	478299	53.319	ug/l	97
90) Hexachloroethane	12.542	117	85555	48.275	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	257080	50.216	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38670	41.671	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	164548	51.158	ug/l	99
94) Hexachlorobutadiene	13.725	225	72556	50.266	ug/l	98
95) Naphthalene	13.780	128	546704	49.436	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	165185	50.857	ug/l	99

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

