

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023756.D
 Acq On : 17 Aug 2021 10:40
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:55:53 PM

Quant Time: Aug 17 11:18:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:13:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	215114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	345012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	327311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	154923	52.172	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.340%			
35) Dibromofluoromethane	5.397	113	119687	53.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.300%			
50) Toluene-d8	8.653	98	457417	49.894	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.780%			
62) 4-Bromofluorobenzene	11.085	95	173409	57.143	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	124370	54.783	ug/l	97
3) Chloromethane	1.294	50	132537	52.319	ug/l	99
4) Vinyl Chloride	1.374	62	131718	54.224	ug/l	99
5) Bromomethane	1.599	94	78509	47.967	ug/l	96
6) Chloroethane	1.679	64	83523	47.267	ug/l	98
7) Trichlorofluoromethane	1.886	101	206705	54.208	ug/l	98
8) Diethyl Ether	2.142	74	72418	54.650	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	116749	53.609	ug/l	96
10) Methyl Iodide	2.453	142	169666	58.035	ug/l	95
11) Tert butyl alcohol	2.983	59	164492	267.352	ug/l	99
12) 1,1-Dichloroethene	2.319	96	110669	53.775	ug/l	94
13) Acrolein	2.245	56	95785	258.292	ug/l	99
14) Allyl chloride	2.666	41	204655	54.325	ug/l	92
15) Acrylonitrile	3.075	53	364812	270.112	ug/l	98
16) Acetone	2.392	43	344911	246.804	ug/l	92
17) Carbon Disulfide	2.514	76	272850	58.221	ug/l	100
18) Methyl Acetate	2.715	43	175828	51.901	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	392469	56.021	ug/l	99
20) Methylene Chloride	2.794	84	129367	48.710	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	117898	54.066	ug/l	92
22) Diisopropyl ether	3.776	45	411958	56.003	ug/l	93
23) Vinyl Acetate	3.733	43	1703871	288.351	ug/l	94
24) 1,1-Dichloroethane	3.617	63	226223	54.134	ug/l	98
25) 2-Butanone	4.568	43	552685	274.412	ug/l	92
26) 2,2-Dichloropropane	4.483	77	187607	55.292	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	141270	54.075	ug/l	96
28) Bromochloromethane	4.910	49	105306	57.581	ug/l	94
29) Tetrahydrofuran	5.019	42	358409	277.179	ug/l	89
30) Chloroform	5.105	83	236375	53.419	ug/l	98
31) Cyclohexane	5.477	56	207938	54.837	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	210101	56.641	ug/l	98
36) 1,1-Dichloropropene	5.702	75	174420	55.569	ug/l	99
37) Ethyl Acetate	4.727	43	206294	53.041	ug/l	95
38) Carbon Tetrachloride	5.690	117	183983	57.126	ug/l	98
39) Methylcyclohexane	7.385	83	217235	57.094	ug/l	95
40) Benzene	6.050	78	509185	54.247	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	114525	54.626	ug/l	91
42) 1,2-Dichloroethane	6.098	62	201613	55.073	ug/l	95
43) Isopropyl Acetate	6.354	43	330860	55.591	ug/l	93
44) Trichloroethene	7.129	130	138681	53.367	ug/l	98
45) 1,2-Dichloropropane	7.440	63	136794	55.038	ug/l	94
46) Dibromomethane	7.586	93	94862	55.327	ug/l	98
47) Bromodichloromethane	7.830	83	177093	59.178	ug/l	100
48) Methyl methacrylate	7.702	41	166749	58.223	ug/l	86
49) 1,4-Dioxane	7.665	88	69450	1078.414	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1119793	285.112	ug/l	90
52) Toluene	8.726	92	335202	56.192	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	204842	62.173	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	213684	59.331	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	136321	55.490	ug/l	99
56) Ethyl methacrylate	9.122	69	222702	60.242	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	230470	56.351	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	550628	285.277	ug/l	96
59) 2-Hexanone	9.433	43	874871	289.242	ug/l	87
60) Dibromochloromethane	9.525	129	142273	63.845	ug/l	100
61) 1,2-Dibromoethane	9.616	107	149493	58.407	ug/l	98
64) Tetrachloroethene	9.275	164	138580	51.733	ug/l	94
65) Chlorobenzene	10.086	112	366953	54.016	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	135645	57.976	ug/l	99
67) Ethyl Benzene	10.195	91	661288	56.701	ug/l	99
68) m/p-Xylenes	10.305	106	506652	115.135	ug/l	100
69) o-Xylene	10.646	106	248841	57.497	ug/l	100
70) Styrene	10.659	104	414835	60.080	ug/l	97
71) Bromoform	10.805	173	102105	65.045	ug/l #	98
73) Isopropylbenzene	10.963	105	658900	55.193	ug/l	100
74) N-amyl acetate	10.848	43	301996	56.184	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	204391	50.620	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	196953m	47.028	ug/l	
77) Bromobenzene	11.201	156	160788	54.127	ug/l	97
78) n-propylbenzene	11.305	91	763247	56.265	ug/l	99
79) 2-Chlorotoluene	11.366	91	458691	55.380	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	556002	57.018	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	69743	63.170	ug/l	91
82) 4-Chlorotoluene	11.457	91	528834	56.759	ug/l	99
83) tert-Butylbenzene	11.719	119	535787	56.496	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	549846	56.424	ug/l	100
85) sec-Butylbenzene	11.896	105	697111	58.537	ug/l	100
86) p-Isopropyltoluene	12.012	119	579373	59.654	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	290179	54.193	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	290402	54.477	ug/l	100
89) n-Butylbenzene	12.335	91	511267	59.042	ug/l	97
90) Hexachloroethane	12.542	117	92363	64.596	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	278838	53.552	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46243	62.124	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	172523	57.775	ug/l	99
94) Hexachlorobutadiene	13.725	225	73552	52.826	ug/l	98
95) Naphthalene	13.780	128	595660	63.033	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	174257	58.996	ug/l	99

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

