

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023842.D
 Acq On : 19 Aug 2021 16:28
 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
 8/20/2021 6:49:41 PM

Quant Time: Aug 20 03:14:09 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	191044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	298468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131492	49.315	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.620%			
35) Dibromofluoromethane	5.391	113	100886	51.069	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.140%			
50) Toluene-d8	8.653	98	386643	51.423	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.840%			
62) 4-Bromofluorobenzene	11.085	95	150226	54.275	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	104384	51.787	ug/l	96
3) Chloromethane	1.294	50	108146	48.875	ug/l	98
4) Vinyl Chloride	1.374	62	105295	48.792	ug/l	99
5) Bromomethane	1.599	94	71790	52.911	ug/l	100
6) Chloroethane	1.679	64	68033	42.722	ug/l	99
7) Trichlorofluoromethane	1.880	101	170606	50.062	ug/l	98
8) Diethyl Ether	2.136	74	58294	48.982	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	101313	52.832	ug/l	97
10) Methyl Iodide	2.453	142	123076	46.094	ug/l	95
11) Tert butyl alcohol	2.977	59	130549	242.106	ug/l	98
12) 1,1-Dichloroethene	2.319	96	91170	49.726	ug/l	94
13) Acrolein	2.239	56	79770	248.595	ug/l	96
14) Allyl chloride	2.666	41	170142	50.355	ug/l	91
15) Acrylonitrile	3.068	53	301486	250.936	ug/l	98
16) Acetone	2.386	43	326623	273.965	ug/l	91
17) Carbon Disulfide	2.514	76	221020	50.544	ug/l	100
18) Methyl Acetate	2.709	43	147790	49.657	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	321502	50.383	ug/l	99
20) Methylene Chloride	2.788	84	107689	47.288	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	99919	51.022	ug/l	98
22) Diisopropyl ether	3.770	45	335663	49.878	ug/l	97
23) Vinyl Acetate	3.727	43	1397270	256.667	ug/l	95
24) 1,1-Dichloroethane	3.611	63	187362	50.026	ug/l	97
25) 2-Butanone	4.568	43	472978	261.926	ug/l	92
26) 2,2-Dichloropropane	4.483	77	157342	51.186	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	116182	49.858	ug/l	96
28) Bromochloromethane	4.904	49	82423	48.400	ug/l	94
29) Tetrahydrofuran	5.013	42	293551	250.972	ug/l	88
30) Chloroform	5.099	83	195674	49.342	ug/l	97
31) Cyclohexane	5.477	56	171417	50.040	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	171223	50.423	ug/l	98
36) 1,1-Dichloropropene	5.702	75	145492	52.637	ug/l	98
37) Ethyl Acetate	4.721	43	167582	49.323	ug/l #	94
38) Carbon Tetrachloride	5.684	117	151634	52.609	ug/l	98
39) Methylcyclohexane	7.385	83	180921	53.758	ug/l	96
40) Benzene	6.044	78	417316	51.059	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	93455	50.739	ug/l	91
42) 1,2-Dichloroethane	6.092	62	165836	51.627	ug/l	95
43) Isopropyl Acetate	6.348	43	271905	51.163	ug/l	92
44) Trichloroethene	7.129	130	116205	51.469	ug/l	96
45) 1,2-Dichloropropane	7.434	63	110710	51.011	ug/l	97
46) Dibromomethane	7.586	93	78654	52.078	ug/l	97
47) Bromodichloromethane	7.824	83	144953	53.052	ug/l	98
48) Methyl methacrylate	7.696	41	135333	52.201	ug/l	86
49) 1,4-Dioxane	7.665	88	57280	1045.398	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	922499	268.529	ug/l	89
52) Toluene	8.720	92	276874	52.279	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	168914	47.953	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	174233	52.627	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	114162	52.358	ug/l	99
56) Ethyl methacrylate	9.122	69	181324	48.690	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	189998	52.538	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	454660	258.957	ug/l	97
59) 2-Hexanone	9.433	43	733598	277.805	ug/l	86
60) Dibromochloromethane	9.525	129	117252	48.735	ug/l	100
61) 1,2-Dibromoethane	9.616	107	121471	52.735	ug/l	100
64) Tetrachloroethene	9.275	164	115222	50.229	ug/l	94
65) Chlorobenzene	10.079	112	303113	50.576	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	112008	52.510	ug/l	99
67) Ethyl Benzene	10.195	91	548674	52.426	ug/l	98
68) m/p-Xylenes	10.305	106	423244	106.174	ug/l	100
69) o-Xylene	10.646	106	206516	52.718	ug/l	100
70) Styrene	10.659	104	347710	54.484	ug/l	98
71) Bromoform	10.805	173	84576	48.842	ug/l #	99
73) Isopropylbenzene	10.963	105	549020	50.507	ug/l	99
74) N-amyl acetate	10.848	43	246533	50.186	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	169942	47.704	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	166653m	50.130	ug/l	
77) Bromobenzene	11.201	156	136377	50.938	ug/l	97
78) n-propylbenzene	11.305	91	646879	52.030	ug/l	99
79) 2-Chlorotoluene	11.366	91	387462	51.561	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	471901	52.827	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	56456	49.954	ug/l	87
82) 4-Chlorotoluene	11.457	91	445815	52.267	ug/l	99
83) tert-Butylbenzene	11.719	119	453573	52.280	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	467792	52.521	ug/l	99
85) sec-Butylbenzene	11.890	105	588143	53.545	ug/l	99
86) p-Isopropyltoluene	12.012	119	495339	54.793	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	251106	51.840	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	251941	52.150	ug/l	100
89) n-Butylbenzene	12.335	91	441941	54.752	ug/l	97
90) Hexachloroethane	12.542	117	78278	49.684	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	237788	50.672	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38485	46.244	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	148656	52.635	ug/l	99
94) Hexachlorobutadiene	13.725	225	65754	52.235	ug/l	99
95) Naphthalene	13.780	128	497437	47.779	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	151280	53.783	ug/l	99

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

