

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021646.D
 Acq On : 30 Mar 2021 21:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 6:59:49 PM

Quant Time: Mar 31 05:03:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	70431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	117012	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	107085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	53459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	58151	49.62	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.24%		
35) Dibromofluoromethane	5.470	113	41863	50.37	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.74%		
50) Toluene-d8	8.694	98	146289	49.39	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.78%		
62) 4-Bromofluorobenzene	11.118	95	55150	47.89	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.78%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	36221	46.79	ug/l	98
3) Chloromethane	1.311	50	43319	48.68	ug/l	98
4) Vinyl Chloride	1.393	62	39563	49.97	ug/l	98
5) Bromomethane	1.623	94	18315	57.47	ug/l	99
6) Chloroethane	1.699	64	25449	50.68	ug/l	96
7) Trichlorofluoromethane	1.911	101	66854	51.91	ug/l	99
8) Diethyl Ether	2.170	74	23248	52.02	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.364	101	37088	51.16	ug/l	96
10) Methyl Iodide	2.487	142	33351	57.73	ug/l #	88
11) Tert butyl alcohol	3.023	59	47755	246.50	ug/l	97
12) 1,1-Dichloroethene	2.352	96	34447	48.53	ug/l	88
13) Acrolein	2.276	56	24658	252.29	ug/l	100
14) Allyl chloride	2.705	41	71223	49.44	ug/l #	88
15) Acrylonitrile	3.117	53	121337	263.54	ug/l	97
16) Acetone	2.423	43	114501	258.42	ug/l	88
17) Carbon Disulfide	2.546	76	83487	41.89	ug/l	98
18) Methyl Acetate	2.752	43	74131	57.91	ug/l	91
19) Methyl tert-butyl Ether	3.170	73	139556	52.65	ug/l	100
20) Methylene Chloride	2.834	84	42602	49.27	ug/l #	85
21) trans-1,2-Dichloroethene	3.140	96	38850	49.83	ug/l	92
22) Diisopropyl ether	3.823	45	150334	53.71	ug/l	91
23) Vinyl Acetate	3.788	43	614716	259.64	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	79048	52.38	ug/l	97
25) 2-Butanone	4.635	43	177581	264.38	ug/l #	88
26) 2,2-Dichloropropane	4.546	77	59181	45.27	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	46715	51.60	ug/l	92
28) Bromochloromethane	4.976	49	36803	48.72	ug/l	85
29) Tetrahydrofuran	5.088	42	114143	262.10	ug/l	86
30) Chloroform	5.176	83	85327	53.57	ug/l	97
31) Cyclohexane	5.547	56	63881	49.57	ug/l	93
32) 1,1,1-Trichloroethane	5.458	97	74574	52.84	ug/l	96
36) 1,1-Dichloropropene	5.770	75	57145	49.84	ug/l	97
37) Ethyl Acetate	4.794	43	66185	49.92	ug/l #	93
38) Carbon Tetrachloride	5.758	117	65370	53.06	ug/l	91
39) Methylcyclohexane	7.441	83	60592	47.67	ug/l	92
40) Benzene	6.111	78	168578	51.78	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	39736	51.68	ug/l #	89
42) 1,2-Dichloroethane	6.158	62	74306	52.64	ug/l	94
43) Isopropyl Acetate	6.411	43	110913	51.53	ug/l #	91
44) Trichloroethene	7.188	130	44099	51.33	ug/l	94
45) 1,2-Dichloropropane	7.488	63	46365	52.57	ug/l	98
46) Dibromomethane	7.635	93	33286	51.78	ug/l	92
47) Bromodichloromethane	7.876	83	69422	53.07	ug/l	100
48) Methyl methacrylate	7.747	41	59815	52.09	ug/l #	83
49) 1,4-Dioxane	7.712	88	21690	1055.10	ug/l #	90
51) 4-Methyl-2-Pentanone	8.618	43	359704	271.68	ug/l	88
52) Toluene	8.765	92	104036	51.74	ug/l	99
53) t-1,3-Dichloropropene	9.024	75	67063	50.77	ug/l	97
54) cis-1,3-Dichloropropene	8.412	75	71937	51.17	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	44420	52.34	ug/l	98
56) Ethyl methacrylate	9.159	69	67252	47.04	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	76009	52.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	189999	264.88	ug/l	96
59) 2-Hexanone	9.471	43	271674	273.26	ug/l	84
60) Dibromochloromethane	9.565	129	50796	53.43	ug/l	99
61) 1,2-Dibromoethane	9.653	107	47241	51.81	ug/l	99
64) Tetrachloroethene	9.318	164	39513	55.08	ug/l #	91
65) Chlorobenzene	10.124	112	110386	51.31	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	44526	54.02	ug/l	98
67) Ethyl Benzene	10.235	91	204285	52.10	ug/l	98
68) m/p-Xylenes	10.341	106	148835	106.54	ug/l	92
69) o-Xylene	10.683	106	70662	52.22	ug/l	91
70) Styrene	10.694	104	125864	54.09	ug/l	96
71) Bromoform	10.841	173	36918	55.11	ug/l #	99
73) Isopropylbenzene	11.000	105	198869	52.95	ug/l	99
74) N-amyl acetate	10.883	43	93609	51.51	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	69385	52.28	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	67068m	53.89	ug/l	
77) Bromobenzene	11.236	156	48796	52.41	ug/l	96
78) n-propylbenzene	11.341	91	230336	51.93	ug/l	99
79) 2-Chlorotoluene	11.406	91	140936	52.38	ug/l	98
80) 1,3,5-Trimethylbenzene	11.489	105	169538	52.83	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	20351	49.81	ug/l #	86
82) 4-Chlorotoluene	11.494	91	164624	51.53	ug/l	97
83) tert-Butylbenzene	11.753	119	162863	52.13	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	170820	52.81	ug/l	97
85) sec-Butylbenzene	11.930	105	190598	52.89	ug/l	99
86) p-Isopropyltoluene	12.047	119	173586	52.91	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	86156	51.38	ug/l	97
88) 1,4-Dichlorobenzene	12.077	146	88051	50.76	ug/l	99
89) n-Butylbenzene	12.371	91	153765	51.16	ug/l	96
90) Hexachloroethane	12.577	117	30004	50.68	ug/l	92
91) 1,2-Dichlorobenzene	12.371	146	87453	53.64	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	16599	49.64	ug/l	79
93) 1,2,4-Trichlorobenzene	13.630	180	55410	51.86	ug/l	98
94) Hexachlorobutadiene	13.765	225	24616	51.04	ug/l	99
95) Naphthalene	13.812	128	191163	54.85	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	57403	53.75	ug/l	99

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

