

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032121\
 Data File : VX021343.D
 Acq On : 20 Mar 2021 11:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:36:18 AM

Quant Time: Mar 22 00:55:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	79785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	136315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	122664	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	59595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	66601	50.89	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.78%			
35) Dibromofluoromethane	5.464	113	48103	51.86	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.72%			
50) Toluene-d8	8.694	98	168651	50.11	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.22%			
62) 4-Bromofluorobenzene	11.118	95	64149	49.08	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	47563	49.90	ug/l	99
3) Chloromethane	1.311	50	57539	41.57	ug/l	98
4) Vinyl Chloride	1.393	62	48797	50.27	ug/l	98
5) Bromomethane	1.622	94	21066	49.68	ug/l	96
6) Chloroethane	1.705	64	29867	50.35	ug/l	98
7) Trichlorofluoromethane	1.911	101	78265	53.48	ug/l	99
8) Diethyl Ether	2.170	74	27085	52.60	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.364	101	42401	50.85	ug/l	94
10) Methyl Iodide	2.487	142	36647	50.35	ug/l #	87
11) Tert butyl alcohol	3.017	59	54299	246.99	ug/l	97
12) 1,1-Dichloroethene	2.352	96	41914	51.53	ug/l	91
13) Acrolein	2.275	56	36095	274.42	ug/l	98
14) Allyl chloride	2.705	41	80058	47.76	ug/l #	88
15) Acrylonitrile	3.117	53	131963	258.16	ug/l	97
16) Acetone	2.423	43	126244	262.19	ug/l	88
17) Carbon Disulfide	2.546	76	112143	47.40	ug/l	99
18) Methyl Acetate	2.746	43	66865	50.67	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	160554	52.60	ug/l	100
20) Methylene Chloride	2.834	84	49139	49.62	ug/l #	87
21) trans-1,2-Dichloroethene	3.140	96	46805	51.55	ug/l	96
22) Diisopropyl ether	3.823	45	171076	53.12	ug/l	94
23) Vinyl Acetate	3.782	43	742538	264.27	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	90139	51.83	ug/l	96
25) 2-Butanone	4.635	43	191923	259.21	ug/l	90
26) 2,2-Dichloropropane	4.546	77	48086	31.69	ug/l	98
27) cis-1,2-Dichloroethene	4.564	96	53134	50.93	ug/l	94
28) Bromochloromethane	4.982	49	41909	51.15	ug/l	87
29) Tetrahydrofuran	5.088	42	123855	253.27	ug/l	87
30) Chloroform	5.176	83	97469	53.83	ug/l	98
31) Cyclohexane	5.546	56	78280	49.48	ug/l	92
32) 1,1,1-Trichloroethane	5.464	97	85043	53.00	ug/l	95
36) 1,1-Dichloropropene	5.764	75	68574	49.93	ug/l	97
37) Ethyl Acetate	4.793	43	74574	46.85	ug/l #	93
38) Carbon Tetrachloride	5.752	117	74180	52.01	ug/l	94
39) Methylcyclohexane	7.441	83	74090	48.59	ug/l	93
40) Benzene	6.111	78	196071	51.80	ug/l	99

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41) Methacrylonitrile	5.005	41	42636	46.68	ug/l	89
42) 1,2-Dichloroethane	6.158	62	83989	51.43	ug/l	93
43) Isopropyl Acetate	6.411	43	127276	48.77	ug/l #	91
44) Trichloroethene	7.188	130	50517	50.25	ug/l	92
45) 1,2-Dichloropropane	7.488	63	52842	51.96	ug/l	98
46) Dibromomethane	7.635	93	37554	50.46	ug/l	91
47) Bromodichloromethane	7.876	83	77525	51.95	ug/l	100
48) Methyl methacrylate	7.747	41	66788	48.25	ug/l #	82
49) 1,4-Dioxane	7.711	88	23386	991.74	ug/l #	88
51) 4-Methyl-2-Pentanone	8.617	43	386494	254.51	ug/l	88
52) Toluene	8.765	92	120684	51.56	ug/l	97
53) t-1,3-Dichloropropene	9.023	75	73929	46.69	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	79372	46.95	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	50137	52.36	ug/l	97
56) Ethyl methacrylate	9.159	69	77533	50.35	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	85854	51.52	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	206383	245.25	ug/l	95
59) 2-Hexanone	9.470	43	287805	253.22	ug/l	85
60) Dibromochloromethane	9.565	129	57460	52.69	ug/l	99
61) 1,2-Dibromoethane	9.653	107	53623	51.09	ug/l	98
64) Tetrachloroethene	9.318	164	45481	49.65	ug/l	92
65) Chlorobenzene	10.118	112	126932	50.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	50274	53.74	ug/l	99
67) Ethyl Benzene	10.235	91	235295	50.45	ug/l	97
68) m/p-Xylenes	10.341	106	170973	102.61	ug/l	95
69) o-Xylene	10.682	106	82628	51.03	ug/l	94
70) Styrene	10.694	104	140325	51.65	ug/l	95
71) Bromoform	10.841	173	39083	51.67	ug/l #	97
73) Isopropylbenzene	11.000	105	226232	51.10	ug/l	99
74) N-amyl acetate	10.882	43	108348	48.25	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	75654	51.48	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	71146m	51.46	ug/l	
77) Bromobenzene	11.235	156	53135	50.59	ug/l	93
78) n-propylbenzene	11.341	91	262474	50.70	ug/l	98
79) 2-Chlorotoluene	11.406	91	156917	49.91	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	192962	51.51	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	19787	38.86	ug/l #	84
82) 4-Chlorotoluene	11.494	91	187701	50.70	ug/l	96
83) tert-Butylbenzene	11.753	119	183486	51.46	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	196269	51.53	ug/l	96
85) sec-Butylbenzene	11.930	105	214449	51.02	ug/l	98
86) p-Isopropyltoluene	12.047	119	200527	52.07	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	95492	49.85	ug/l	97
88) 1,4-Dichlorobenzene	12.083	146	98944	50.51	ug/l	98
89) n-Butylbenzene	12.371	91	174627	49.75	ug/l	96
90) Hexachloroethane	12.577	117	34894	59.49	ug/l	92
91) 1,2-Dichlorobenzene	12.377	146	95808	51.28	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18174	48.22	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	61512	50.09	ug/l	99
94) Hexachlorobutadiene	13.765	225	24170	46.90	ug/l	96
95) Naphthalene	13.818	128	211672	50.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	61997	50.68	ug/l	98

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

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