

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021449.D
 Acq On : 24 Mar 2021 21:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 9:50:30 AM

Quant Time: Mar 25 02:56:06 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	80179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	135574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	126311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	60113	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	64965	48.70	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.40%
35) Dibromofluoromethane	5.470	113	46188	47.96	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.92%
50) Toluene-d8	8.694	98	165220	48.15	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.30%
62) 4-Bromofluorobenzene	11.118	95	65196	48.86	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.72%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.181	85	44428	50.41	ug/l	98
3) Chloromethane	1.311	50	51494	50.83	ug/l	99
4) Vinyl Chloride	1.393	62	46613	51.71	ug/l	96
5) Bromomethane	1.623	94	19585	53.99	ug/l	97
6) Chloroethane	1.699	64	28438	49.74	ug/l	100
7) Trichlorofluoromethane	1.905	101	74315	50.69	ug/l	97
8) Diethyl Ether	2.170	74	25525	50.17	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.358	101	41123	49.83	ug/l	96
10) Methyl Iodide	2.487	142	32093	49.83	ug/l #	88
11) Tert butyl alcohol	3.023	59	55152	250.07	ug/l	97
12) 1,1-Dichloroethene	2.352	96	40261	49.82	ug/l	90
13) Acrolein	2.276	56	25425	228.91	ug/l	98
14) Allyl chloride	2.705	41	80277	48.95	ug/l #	88
15) Acrylonitrile	3.117	53	135180	257.91	ug/l	96
16) Acetone	2.423	43	126725	251.23	ug/l	90
17) Carbon Disulfide	2.546	76	104601	46.10	ug/l	96
18) Methyl Acetate	2.746	43	78494	53.86	ug/l	90
19) Methyl tert-butyl Ether	3.164	73	157912	52.33	ug/l	99
20) Methylene Chloride	2.834	84	48674	49.45	ug/l	89
21) trans-1,2-Dichloroethene	3.140	96	44067	49.65	ug/l	91
22) Diisopropyl ether	3.823	45	165329	51.88	ug/l	93
23) Vinyl Acetate	3.782	43	701200	260.16	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	87651	51.02	ug/l	96
25) 2-Butanone	4.635	43	197972	258.91	ug/l	90
26) 2,2-Dichloropropane	4.546	77	66795	44.88	ug/l	96
27) cis-1,2-Dichloroethene	4.558	96	52596	51.03	ug/l	91
28) Bromochloromethane	4.982	49	41622	48.40	ug/l	86
29) Tetrahydrofuran	5.088	42	129142	260.49	ug/l #	86
30) Chloroform	5.176	83	94279	52.00	ug/l	100
31) Cyclohexane	5.547	56	74508	50.79	ug/l	91
32) 1,1,1-Trichloroethane	5.458	97	82025	51.05	ug/l	96
36) 1,1-Dichloropropene	5.764	75	65438	49.26	ug/l	97
37) Ethyl Acetate	4.793	43	75136	48.92	ug/l #	93
38) Carbon Tetrachloride	5.752	117	71620	50.17	ug/l	97
39) Methylcyclohexane	7.441	83	72826	49.45	ug/l	93
40) Benzene	6.105	78	191518	50.77	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	44656	50.13	ug/l #	88
42) 1,2-Dichloroethane	6.158	62	83051	50.78	ug/l	93
43) Isopropyl Acetate	6.411	43	126499	50.72	ug/l #	91
44) Trichloroethene	7.188	130	48786	49.01	ug/l	96
45) 1,2-Dichloropropane	7.488	63	52181	51.06	ug/l	98
46) Dibromomethane	7.635	93	36840	49.46	ug/l	94
47) Bromodichloromethane	7.870	83	77152	50.90	ug/l	100
48) Methyl methacrylate	7.747	41	68665	51.61	ug/l #	83
49) 1,4-Dioxane	7.712	88	23709	995.41	ug/l #	88
51) 4-Methyl-2-Pentanone	8.618	43	404260	263.53	ug/l	89
52) Toluene	8.765	92	121009	51.94	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	77407	50.58	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	83058	51.00	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	50726	51.58	ug/l	99
56) Ethyl methacrylate	9.159	69	79281	47.82	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	86478	51.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	214862	258.53	ug/l	96
59) 2-Hexanone	9.471	43	303132	263.16	ug/l	85
60) Dibromochloromethane	9.565	129	58521	53.13	ug/l	99
61) 1,2-Dibromoethane	9.653	107	54904	51.97	ug/l	99
64) Tetrachloroethene	9.318	164	43339	51.22	ug/l	91
65) Chlorobenzene	10.118	112	131050	51.64	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.206	131	51898	53.38	ug/l	98
67) Ethyl Benzene	10.235	91	239185	51.71	ug/l	98
68) m/p-Xylenes	10.341	106	171288	103.95	ug/l	92
69) o-Xylene	10.683	106	83076	52.05	ug/l	92
70) Styrene	10.694	104	143208	52.18	ug/l	95
71) Bromoform	10.841	173	40059	50.70	ug/l	98
73) Isopropylbenzene	11.000	105	227254	53.81	ug/l	100
74) N-amyl acetate	10.883	43	108339	53.01	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	77445	51.89	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	75009m	53.60	ug/l	
77) Bromobenzene	11.241	156	53488	51.09	ug/l	93
78) n-propylbenzene	11.341	91	267821	53.69	ug/l	98
79) 2-Chlorotoluene	11.406	91	160453	53.03	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	195757	54.25	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	23945	52.12	ug/l #	86
82) 4-Chlorotoluene	11.494	91	189385	52.72	ug/l	97
83) tert-Butylbenzene	11.753	119	187595	53.40	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	198579	54.59	ug/l	96
85) sec-Butylbenzene	11.930	105	218142	53.83	ug/l	99
86) p-Isopropyltoluene	12.047	119	198647	53.85	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	97955	51.95	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	96828	49.64	ug/l	98
89) n-Butylbenzene	12.371	91	179081	52.99	ug/l	96
90) Hexachloroethane	12.577	117	35201	52.87	ug/l	93
91) 1,2-Dichlorobenzene	12.377	146	96805	52.81	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18164	48.36	ug/l	82
93) 1,2,4-Trichlorobenzene	13.630	180	61391	51.10	ug/l	98
94) Hexachlorobutadiene	13.765	225	25498	47.02	ug/l	95
95) Naphthalene	13.818	128	204906	52.29	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	61907	51.55	ug/l	98

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

