

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021398.D
 Acq On : 23 Mar 2021 20:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/24/2021 6:16:18 PM

Quant Time: Mar 24 02:00:41 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	5.623	168	78434	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.829	114	133783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	127996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	62313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	63429	49.31	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.62%		
35) Dibromofluoromethane	5.458	113	44952	49.38	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.76%		
50) Toluene-d8	8.694	98	162606	49.23	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.46%		
62) 4-Bromofluorobenzene	11.118	95	65144	50.79	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.58%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.181	85	44508	47.50	ug/l	100
3) Chloromethane	1.311	50	56509	41.53	ug/l	99
4) Vinyl Chloride	1.393	62	46705	48.94	ug/l	99
5) Bromomethane	1.622	94	22397	53.73	ug/l	96
6) Chloroethane	1.699	64	28570	48.99	ug/l	97
7) Trichlorofluoromethane	1.911	101	74682	51.91	ug/l	99
8) Diethyl Ether	2.170	74	25624	50.62	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.364	101	40807	49.78	ug/l	96
10) Methyl Iodide	2.487	142	38278	53.50	ug/l #	90
11) Tert butyl alcohol	3.023	59	55034	254.64	ug/l	97
12) 1,1-Dichloroethene	2.352	96	39635	49.57	ug/l	88
13) Acrolein	2.276	56	33778	261.38	ug/l	99
14) Allyl chloride	2.705	41	82260	49.92	ug/l #	88
15) Acrylonitrile	3.117	53	136292	271.23	ug/l	99
16) Acetone	2.423	43	126742	267.76	ug/l #	87
17) Carbon Disulfide	2.546	76	103974	44.73	ug/l	100
18) Methyl Acetate	2.752	43	68372	52.71	ug/l	90
19) Methyl tert-butyl Ether	3.170	73	158046	52.67	ug/l	100
20) Methylene Chloride	2.834	84	48051	49.36	ug/l #	84
21) trans-1,2-Dichloroethene	3.140	96	44339	49.67	ug/l	92
22) Diisopropyl ether	3.829	45	165963	52.42	ug/l	92
23) Vinyl Acetate	3.782	43	727720	263.46	ug/l #	93
24) 1,1-Dichloroethane	3.670	63	87069	50.93	ug/l	97
25) 2-Butanone	4.635	43	195369	268.41	ug/l	91
26) 2,2-Dichloropropane	4.546	77	68454	45.89	ug/l	97
27) cis-1,2-Dichloroethene	4.558	96	52527	51.21	ug/l	92
28) Bromochloromethane	4.982	49	41293	51.26	ug/l	84
29) Tetrahydrofuran	5.088	42	125837	261.76	ug/l	86
30) Chloroform	5.176	83	93975	52.79	ug/l	97
31) Cyclohexane	5.541	56	74404	47.84	ug/l	92
32) 1,1,1-Trichloroethane	5.458	97	81674	51.78	ug/l	96
36) 1,1-Dichloropropene	5.764	75	65250	48.41	ug/l	97
37) Ethyl Acetate	4.793	43	75508	48.34	ug/l #	93
38) Carbon Tetrachloride	5.752	117	72148	51.54	ug/l	98
39) Methylcyclohexane	7.435	83	72062	48.15	ug/l	93
40) Benzene	6.111	78	190735	51.35	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	43995	49.08	ug/l	89
42) 1,2-Dichloroethane	6.158	62	82552	51.51	ug/l	94
43) Isopropyl Acetate	6.411	43	127724	49.86	ug/l #	91
44) Trichloroethene	7.182	130	48920	49.58	ug/l	92
45) 1,2-Dichloropropane	7.488	63	51659	51.76	ug/l	97
46) Dibromomethane	7.635	93	37559	51.42	ug/l	93
47) Bromodichloromethane	7.876	83	76157	51.99	ug/l	98
48) Methyl methacrylate	7.747	41	69043	50.82	ug/l #	82
49) 1,4-Dioxane	7.712	88	23796	1028.64	ug/l #	90
51) 4-Methyl-2-Pentanone	8.617	43	407435	273.38	ug/l	88
52) Toluene	8.765	92	133031	57.91	ug/l	96
53) t-1,3-Dichloropropene	9.023	75	78674	50.63	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	83448	50.29	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	50985	54.25	ug/l	97
56) Ethyl methacrylate	9.159	69	80344	53.16	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	86152	52.68	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	208942	252.99	ug/l	95
59) 2-Hexanone	9.471	43	305978	274.30	ug/l	85
60) Dibromochloromethane	9.565	129	58085	54.27	ug/l	98
61) 1,2-Dibromoethane	9.653	107	54407	52.82	ug/l	98
64) Tetrachloroethene	9.318	164	43385	45.39	ug/l	96
65) Chlorobenzene	10.118	112	133148	50.60	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	51301	52.55	ug/l	98
67) Ethyl Benzene	10.235	91	239963	49.31	ug/l	100
68) m/p-Xylenes	10.341	106	175480	100.93	ug/l	94
69) o-Xylene	10.682	106	85225	50.44	ug/l	92
70) Styrene	10.694	104	148599	52.42	ug/l	96
71) Bromoform	10.841	173	42508	53.86	ug/l #	99
73) Isopropylbenzene	11.000	105	236745	51.15	ug/l	99
74) N-amyl acetate	10.883	43	115911	49.37	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	80922	52.67	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	78710m	54.45	ug/l	
77) Bromobenzene	11.235	156	58194	52.99	ug/l	95
78) n-propylbenzene	11.341	91	273314	50.49	ug/l	98
79) 2-Chlorotoluene	11.406	91	164179	49.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	205630	52.50	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	25511	47.92	ug/l #	85
82) 4-Chlorotoluene	11.494	91	196980	50.89	ug/l	96
83) tert-Butylbenzene	11.753	119	194869	52.26	ug/l	92
84) 1,2,4-Trimethylbenzene	11.789	105	205513	51.60	ug/l	98
85) sec-Butylbenzene	11.930	105	229360	52.19	ug/l	98
86) p-Isopropyltoluene	12.047	119	209141	51.93	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	103147	51.50	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	104237	50.89	ug/l	97
89) n-Butylbenzene	12.371	91	188401	51.34	ug/l	96
90) Hexachloroethane	12.577	117	37414	61.00	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	97640	49.98	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	18973	48.14	ug/l	83
93) 1,2,4-Trichlorobenzene	13.630	180	63369	49.35	ug/l	97
94) Hexachlorobutadiene	13.765	225	27879	51.74	ug/l	99
95) Naphthalene	13.818	128	215865	48.84	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	64763	50.64	ug/l	96

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

