

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040121\
 Data File : VX021736.D
 Acq On : 02 Apr 2021 12:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/5/2021 1:12:51 PM

Quant Time: Apr 03 02:03:18 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	5.635	168	75669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	123291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	116242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	58351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	60124	47.75	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.50%		
35) Dibromofluoromethane	5.464	113	42657	48.71	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.42%		
50) Toluene-d8	8.694	98	152662	48.92	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.84%		
62) 4-Bromofluorobenzene	11.118	95	59428	48.98	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.96%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	34906	41.97	ug/l	98
3) Chloromethane	1.317	50	40850	42.73	ug/l	98
4) Vinyl Chloride	1.393	62	38608	45.38	ug/l	100
5) Bromomethane	1.623	94	16847	49.21	ug/l	100
6) Chloroethane	1.699	64	25723	47.68	ug/l	98
7) Trichlorofluoromethane	1.911	101	66861	48.32	ug/l	100
8) Diethyl Ether	2.170	74	23009	47.92	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.364	101	38282	49.15	ug/l	96
10) Methyl Iodide	2.487	142	32771	53.37	ug/l #	89
11) Tert butyl alcohol	3.023	59	46794	224.82	ug/l	96
12) 1,1-Dichloroethene	2.352	96	34039	44.64	ug/l	86
13) Acrolein	2.276	56	22778	217.52	ug/l	97
14) Allyl chloride	2.705	41	71567	46.24	ug/l #	89
15) Acrylonitrile	3.117	53	120640	243.89	ug/l	97
16) Acetone	2.423	43	111839	234.93	ug/l #	86
17) Carbon Disulfide	2.552	76	78989	36.89	ug/l	98
18) Methyl Acetate	2.752	43	75112	54.62	ug/l #	89
19) Methyl tert-butyl Ether	3.170	73	139723	49.06	ug/l	99
20) Methylene Chloride	2.834	84	43106	46.40	ug/l #	87
21) trans-1,2-Dichloroethene	3.140	96	38578	46.06	ug/l	90
22) Diisopropyl ether	3.829	45	149960	49.87	ug/l	94
23) Vinyl Acetate	3.788	43	611457	240.39	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	78928	48.68	ug/l	96
25) 2-Butanone	4.641	43	175330	242.96	ug/l #	89
26) 2,2-Dichloropropane	4.552	77	69761	49.67	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	47117	48.44	ug/l	92
28) Bromochloromethane	4.982	49	37303	45.96	ug/l	86
29) Tetrahydrofuran	5.088	42	113216	241.98	ug/l #	85
30) Chloroform	5.176	83	86248	50.40	ug/l	99
31) Cyclohexane	5.552	56	62942	45.46	ug/l	91
32) 1,1,1-Trichloroethane	5.470	97	75525	49.81	ug/l	97
36) 1,1-Dichloropropene	5.770	75	57238	47.38	ug/l	97
37) Ethyl Acetate	4.794	43	64848	46.43	ug/l #	93
38) Carbon Tetrachloride	5.758	117	65520	50.47	ug/l	95
39) Methylcyclohexane	7.441	83	63136	47.14	ug/l	92
40) Benzene	6.111	78	169712	49.47	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.011	41	39079	48.24	ug/l	89
42) 1,2-Dichloroethane	6.164	62	73847	49.65	ug/l	93
43) Isopropyl Acetate	6.411	43	112577	49.64	ug/l #	90
44) Trichloroethene	7.188	130	45837	50.63	ug/l	89
45) 1,2-Dichloropropane	7.488	63	47703	51.33	ug/l	99
46) Dibromomethane	7.635	93	33912	50.07	ug/l	95
47) Bromodichloromethane	7.876	83	71026	51.53	ug/l	99
48) Methyl methacrylate	7.747	41	60195	49.75	ug/l #	82
49) 1,4-Dioxane	7.717	88	20648	953.26	ug/l #	89
51) 4-Methyl-2-Pentanone	8.623	43	363575	260.62	ug/l	88
52) Toluene	8.765	92	107649	50.81	ug/l	100
53) t-1,3-Dichloropropene	9.024	75	71892	51.65	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	75551	51.01	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	47389	52.99	ug/l	99
56) Ethyl methacrylate	9.159	69	69949	46.46	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	78448	51.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.294	63	189686	250.98	ug/l	96
59) 2-Hexanone	9.471	43	274904	262.43	ug/l	85
60) Dibromochloromethane	9.565	129	53780	53.69	ug/l	99
61) 1,2-Dibromoethane	9.653	107	48677	50.67	ug/l	99
64) Tetrachloroethene	9.318	164	42426	54.49	ug/l	93
65) Chlorobenzene	10.124	112	117044	50.12	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	46639	52.12	ug/l	98
67) Ethyl Benzene	10.235	91	212651	49.96	ug/l	98
68) m/p-Xylenes	10.341	106	155936	102.83	ug/l	93
69) o-Xylene	10.683	106	75178	51.18	ug/l	95
70) Styrene	10.694	104	130660	51.73	ug/l	95
71) Bromoform	10.841	173	39183	53.88	ug/l #	99
73) Isopropylbenzene	11.000	105	208277	50.80	ug/l	99
74) N-amyl acetate	10.883	43	96639	48.72	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	70499	48.67	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	69940m	51.49	ug/l	
77) Bromobenzene	11.236	156	52470	51.63	ug/l	98
78) n-propylbenzene	11.341	91	246226	50.85	ug/l	99
79) 2-Chlorotoluene	11.406	91	147881	50.35	ug/l	100
80) 1,3,5-Trimethylbenzene	11.489	105	186189	53.15	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	21688	48.63	ug/l #	86
82) 4-Chlorotoluene	11.494	91	173532	49.76	ug/l	97
83) tert-Butylbenzene	11.753	119	173508	50.88	ug/l	94
84) 1,2,4-Trimethylbenzene	11.789	105	182918	51.80	ug/l	97
85) sec-Butylbenzene	11.930	105	205314	52.19	ug/l	99
86) p-Isopropyltoluene	12.047	119	187982	52.50	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	92812	50.71	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	90616	47.86	ug/l	98
89) n-Butylbenzene	12.371	91	166301	50.69	ug/l	96
90) Hexachloroethane	12.577	117	32247	49.90	ug/l	97
91) 1,2-Dichlorobenzene	12.371	146	92486	51.97	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	16817	46.22	ug/l	82
93) 1,2,4-Trichlorobenzene	13.630	180	60286	51.69	ug/l	99
94) Hexachlorobutadiene	13.765	225	25022	47.53	ug/l	95
95) Naphthalene	13.818	128	195389	51.37	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	62122	53.29	ug/l	96

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

