

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032521\
 Data File : VX021503.D
 Acq On : 25 Mar 2021 22:10
 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
 3/26/2021 1:14:31 PM

Quant Time: Mar 26 03:20:01 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	70566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	118863	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	113402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	54788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	59336	50.54	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.08%			
35) Dibromofluoromethane	5.464	113	42579	50.43	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.86%			
50) Toluene-d8	8.694	98	151815	50.46	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.92%			
62) 4-Bromofluorobenzene	11.117	95	58961	50.40	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.80%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	39768	51.27	ug/l	100
3) Chloromethane	1.316	50	48148	53.99	ug/l	100
4) Vinyl Chloride	1.393	62	42169	53.15	ug/l	98
5) Bromomethane	1.622	94	19032	59.61	ug/l	98
6) Chloroethane	1.704	64	26441	52.55	ug/l	99
7) Trichlorofluoromethane	1.910	101	68429	53.03	ug/l	97
8) Diethyl Ether	2.169	74	23376	52.21	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.363	101	38249	52.66	ug/l	96
10) Methyl Iodide	2.487	142	31904	55.42	ug/l #	88
11) Tert butyl alcohol	3.022	59	49274	253.85	ug/l	96
12) 1,1-Dichloroethene	2.352	96	36304	51.05	ug/l	87
13) Acrolein	2.275	56	21954	224.67	ug/l	99
14) Allyl chloride	2.705	41	74052	51.30	ug/l #	88
15) Acrylonitrile	3.116	53	125144	271.29	ug/l	97
16) Acetone	2.422	43	118997	268.05	ug/l #	87
17) Carbon Disulfide	2.552	76	91853	46.00	ug/l	99
18) Methyl Acetate	2.752	43	73946	57.66	ug/l	91
19) Methyl tert-butyl Ether	3.169	73	143545	54.05	ug/l	99
20) Methylene Chloride	2.834	84	44163	50.98	ug/l #	87
21) trans-1,2-Dichloroethene	3.140	96	40304	51.60	ug/l	91
22) Diisopropyl ether	3.828	45	152777	54.48	ug/l #	92
23) Vinyl Acetate	3.787	43	641920	270.61	ug/l #	92
24) 1,1-Dichloroethane	3.669	63	80001	52.91	ug/l	97
25) 2-Butanone	4.634	43	181621	269.88	ug/l #	88
26) 2,2-Dichloropropane	4.546	77	58875	44.95	ug/l	97
27) cis-1,2-Dichloroethene	4.564	96	47182	52.02	ug/l	91
28) Bromochloromethane	4.981	49	38438	50.78	ug/l	83
29) Tetrahydrofuran	5.087	42	118018	270.48	ug/l #	86
30) Chloroform	5.176	83	86136	53.98	ug/l	99
31) Cyclohexane	5.546	56	66954	51.86	ug/l	92
32) 1,1,1-Trichloroethane	5.464	97	75400	53.32	ug/l	95
36) 1,1-Dichloropropene	5.770	75	58400	50.15	ug/l	97
37) Ethyl Acetate	4.793	43	69441	51.57	ug/l #	92
38) Carbon Tetrachloride	5.752	117	65191	52.09	ug/l	99
39) Methylcyclohexane	7.441	83	63790	49.41	ug/l	92
40) Benzene	6.111	78	174098	52.64	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	41417	53.03	ug/l #	88
42) 1,2-Dichloroethane	6.164	62	76055	53.04	ug/l	93
43) Isopropyl Acetate	6.411	43	115128	52.65	ug/l #	91
44) Trichloroethene	7.188	130	45184	51.77	ug/l	91
45) 1,2-Dichloropropane	7.488	63	47498	53.02	ug/l	97
46) Dibromomethane	7.635	93	33725	51.65	ug/l	94
47) Bromodichloromethane	7.876	83	69687	52.44	ug/l	100
48) Methyl methacrylate	7.746	41	61422	52.66	ug/l #	81
49) 1,4-Dioxane	7.711	88	21313	1020.62	ug/l #	89
51) 4-Methyl-2-Pentanone	8.617	43	374381	278.36	ug/l	88
52) Toluene	8.764	92	109119	53.42	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	70047	52.20	ug/l	99
54) cis-1,3-Dichloropropene	8.411	75	73758	51.65	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	46174	53.56	ug/l	97
56) Ethyl methacrylate	9.158	69	70685	48.60	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	79138	53.64	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	193955	266.19	ug/l	95
59) 2-Hexanone	9.470	43	283289	280.51	ug/l	85
60) Dibromochloromethane	9.564	129	52173	54.03	ug/l	98
61) 1,2-Dibromoethane	9.653	107	49511	53.46	ug/l	99
64) Tetrachloroethene	9.317	164	40304	53.06	ug/l	91
65) Chlorobenzene	10.117	112	116884	51.30	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	46117	52.83	ug/l	99
67) Ethyl Benzene	10.235	91	213666	51.46	ug/l	98
68) m/p-Xylenes	10.341	106	157095	106.19	ug/l	94
69) o-Xylene	10.682	106	76018	53.05	ug/l	95
70) Styrene	10.694	104	130931	53.13	ug/l	95
71) Bromoform	10.841	173	37874	53.39	ug/l #	100
73) Isopropylbenzene	11.000	105	208479	54.16	ug/l	98
74) N-amyl acetate	10.882	43	101085	54.27	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	73938	54.36	ug/l	99
76) 1,2,3-Trichloropropane	11.276	75	71328m	55.92	ug/l	
77) Bromobenzene	11.235	156	50076	52.48	ug/l	93
78) n-propylbenzene	11.341	91	242350	53.31	ug/l	98
79) 2-Chlorotoluene	11.406	91	146443	53.10	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	176341	53.62	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	21147	50.50	ug/l #	83
82) 4-Chlorotoluene	11.494	91	175961	53.74	ug/l	97
83) tert-Butylbenzene	11.753	119	169933	53.07	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	183264	55.28	ug/l	96
85) sec-Butylbenzene	11.929	105	196258	53.14	ug/l	99
86) p-Isopropyltoluene	12.047	119	181195	53.89	ug/l	97
87) 1,3-Dichlorobenzene	12.006	146	92445	53.80	ug/l	98
88) 1,4-Dichlorobenzene	12.082	146	93630	52.67	ug/l	98
89) n-Butylbenzene	12.371	91	160843	52.22	ug/l	96
90) Hexachloroethane	12.582	117	31858	52.50	ug/l	92
91) 1,2-Dichlorobenzene	12.376	146	90722	54.30	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.982	75	18021	52.47	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	58323	53.26	ug/l	98
94) Hexachlorobutadiene	13.765	225	23686	47.92	ug/l	97
95) Naphthalene	13.818	128	198167	55.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.000	180	58102	53.08	ug/l	98

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

