

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021213.D
 Acq On : 15 Mar 2021 20:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 3/16/2021 4:37:11 PM

Quant Time: Mar 16 03:06:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.635	168	76429	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.829	114	132431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	123248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	61128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	66197	50.79	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.58%			
35) Dibromofluoromethane	5.464	113	45570	50.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.02%			
50) Toluene-d8	8.694	98	163457	49.94	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.88%			
62) 4-Bromofluorobenzene	11.118	95	64559	51.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.52%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	49344	50.30	ug/l	99
3) Chloromethane	1.317	50	49879	50.21	ug/l	99
4) Vinyl Chloride	1.399	62	50184	51.42	ug/l	100
5) Bromomethane	1.622	94	28518	50.72	ug/l	99
6) Chloroethane	1.711	64	30248	52.24	ug/l	98
7) Trichlorofluoromethane	1.917	101	79793	52.57	ug/l	94
8) Diethyl Ether	2.170	74	26704	51.83	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.364	101	42488	51.30	ug/l	94
10) Methyl Iodide	2.493	142	55368	49.87	ug/l #	88
11) Tert butyl alcohol	3.017	59	53764	236.84	ug/l	97
12) 1,1-Dichloroethene	2.352	96	41311	50.23	ug/l	84
13) Acrolein	2.275	56	33507	240.19	ug/l	99
14) Allyl chloride	2.711	41	86762	48.32	ug/l #	88
15) Acrylonitrile	3.117	53	134844	269.36	ug/l	96
16) Acetone	2.423	43	124876	238.38	ug/l #	87
17) Carbon Disulfide	2.552	76	121127	49.78	ug/l	100
18) Methyl Acetate	2.752	43	65742	51.82	ug/l #	88
19) Methyl tert-butyl Ether	3.170	73	161007	51.47	ug/l	97
20) Methylene Chloride	2.834	84	49340	49.89	ug/l #	82
21) trans-1,2-Dichloroethene	3.140	96	47030	52.05	ug/l	90
22) Diisopropyl ether	3.829	45	172689	52.61	ug/l	96
23) Vinyl Acetate	3.787	43	766570	267.09	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	92674	52.38	ug/l	97
25) 2-Butanone	4.635	43	196249	260.40	ug/l	89
26) 2,2-Dichloropropane	4.552	77	73012	45.38	ug/l	96
27) cis-1,2-Dichloroethene	4.564	96	54007	52.26	ug/l	89
28) Bromochloromethane	4.982	49	45000	50.94	ug/l #	81
29) Tetrahydrofuran	5.088	42	128384	264.10	ug/l #	85
30) Chloroform	5.176	83	95730	51.95	ug/l	97
31) Cyclohexane	5.546	56	81284	49.30	ug/l	92
32) 1,1,1-Trichloroethane	5.464	97	84294	51.67	ug/l	94
36) 1,1-Dichloropropene	5.770	75	69963	50.41	ug/l	96
37) Ethyl Acetate	4.793	43	77269	50.54	ug/l #	93
38) Carbon Tetrachloride	5.752	117	75333	49.43	ug/l	96
39) Methylcyclohexane	7.441	83	77081	49.45	ug/l	92
40) Benzene	6.111	78	198716	51.22	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.005	41	45075	51.14	ug/l #	88
42) 1,2-Dichloroethane	6.158	62	85529	51.82	ug/l	93
43) Isopropyl Acetate	6.411	43	130586	50.92	ug/l #	90
44) Trichloroethene	7.188	130	51021	49.50	ug/l	98
45) 1,2-Dichloropropane	7.488	63	53680	51.19	ug/l	97
46) Dibromomethane	7.635	93	37725	51.64	ug/l	92
47) Bromodichloromethane	7.876	83	79077	51.63	ug/l	98
48) Methyl methacrylate	7.747	41	69685	52.82	ug/l #	81
49) 1,4-Dioxane	7.711	88	21097	947.63	ug/l #	85
51) 4-Methyl-2-Pentanone	8.617	43	397658	271.97	ug/l	88
52) Toluene	8.765	92	120314	51.43	ug/l	98
53) t-1,3-Dichloropropene	9.023	75	80205	50.55	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	86120	50.95	ug/l #	83
55) 1,1,2-Trichloroethane	9.194	97	49091	50.88	ug/l	96
56) Ethyl methacrylate	9.159	69	80574	53.77	ug/l #	75
57) 1,3-Dichloropropane	9.353	76	87587	52.47	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	211522	281.38	ug/l	94
59) 2-Hexanone	9.470	43	298136	270.90	ug/l	85
60) Dibromochloromethane	9.565	129	56382	51.15	ug/l	98
61) 1,2-Dibromoethane	9.653	107	53750	53.10	ug/l	98
64) Tetrachloroethene	9.318	164	50527	47.34	ug/l	94
65) Chlorobenzene	10.118	112	129495	50.66	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.206	131	48446	48.08	ug/l	99
67) Ethyl Benzene	10.235	91	240106	50.67	ug/l	98
68) m/p-Xylenes	10.341	106	171497	101.01	ug/l	93
69) o-Xylene	10.682	106	84865	51.49	ug/l	95
70) Styrene	10.694	104	143843	51.47	ug/l	95
71) Bromoform	10.841	173	39749	46.11	ug/l #	98
73) Isopropylbenzene	11.000	105	227716	47.98	ug/l	100
74) N-amyl acetate	10.882	43	115240	50.85	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.253	83	74381	50.81	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	76653m	50.57	ug/l	
77) Bromobenzene	11.235	156	54325	48.13	ug/l	91
78) n-propylbenzene	11.341	91	271368	49.68	ug/l	97
79) 2-Chlorotoluene	11.406	91	161394	48.80	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	195152	48.99	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.059	75	23916	44.78	ug/l #	84
82) 4-Chlorotoluene	11.494	91	191952	49.59	ug/l	96
83) tert-Butylbenzene	11.753	119	180986	49.85	ug/l	90
84) 1,2,4-Trimethylbenzene	11.788	105	198865	49.59	ug/l	97
85) sec-Butylbenzene	11.930	105	219745	49.72	ug/l	100
86) p-Isopropyltoluene	12.047	119	200474	49.44	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	97722	49.60	ug/l	98
88) 1,4-Dichlorobenzene	12.077	146	96576	47.68	ug/l	97
89) n-Butylbenzene	12.371	91	184109	49.51	ug/l	96
90) Hexachloroethane	12.577	117	36173	48.36	ug/l	95
91) 1,2-Dichlorobenzene	12.377	146	97170	49.95	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	19133	50.50	ug/l	79
93) 1,2,4-Trichlorobenzene	13.624	180	62794	50.43	ug/l	98
94) Hexachlorobutadiene	13.765	225	25877	48.40	ug/l	96
95) Naphthalene	13.818	128	215576	47.92	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	61763	45.97	ug/l	99

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

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