

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032921\
 Data File : VX021591.D
 Acq On : 29 Mar 2021 20:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 9:59:04 AM

Quant Time: Mar 30 03:33:35 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	85537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	145041	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	133040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	64124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	73773	51.84	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.68%			
35) Dibromofluoromethane	5.464	113	52001	50.47	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.94%			
50) Toluene-d8	8.694	98	187766	51.14	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.28%			
62) 4-Bromofluorobenzene	11.124	95	72186	50.57	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	42509	45.21	ug/l	98
3) Chloromethane	1.311	50	50608	46.83	ug/l	97
4) Vinyl Chloride	1.393	62	46125	47.97	ug/l	99
5) Bromomethane	1.622	94	21077	54.46	ug/l	100
6) Chloroethane	1.699	64	29784	48.84	ug/l	99
7) Trichlorofluoromethane	1.911	101	75462	48.25	ug/l	98
8) Diethyl Ether	2.170	74	26440	48.72	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.358	101	41988	47.69	ug/l	96
10) Methyl Iodide	2.487	142	39214	56.10	ug/l	90
11) Tert butyl alcohol	3.023	59	57430	244.09	ug/l	96
12) 1,1-Dichloroethene	2.352	96	39715	46.07	ug/l	90
13) Acrolein	2.275	56	19194	163.25	ug/l	98
14) Allyl chloride	2.705	41	81889	46.80	ug/l #	88
15) Acrylonitrile	3.117	53	139036	248.65	ug/l	97
16) Acetone	2.422	43	131204	243.82	ug/l #	87
17) Carbon Disulfide	2.546	76	100559	41.54	ug/l	99
18) Methyl Acetate	2.752	43	84032	54.05	ug/l	91
19) Methyl tert-butyl Ether	3.170	73	160247	49.78	ug/l	98
20) Methylene Chloride	2.834	84	49465	47.10	ug/l #	87
21) trans-1,2-Dichloroethene	3.140	96	44298	46.78	ug/l	91
22) Diisopropyl ether	3.829	45	169349	49.82	ug/l	92
23) Vinyl Acetate	3.781	43	713843	248.26	ug/l #	92
24) 1,1-Dichloroethane	3.670	63	89169	48.66	ug/l	98
25) 2-Butanone	4.635	43	203964	250.04	ug/l #	89
26) 2,2-Dichloropropane	4.546	77	65801	41.45	ug/l	97
27) cis-1,2-Dichloroethene	4.564	96	52934	48.14	ug/l	92
28) Bromochloromethane	4.982	49	46414	50.59	ug/l	85
29) Tetrahydrofuran	5.088	42	131965	249.51	ug/l #	85
30) Chloroform	5.176	83	97211	50.26	ug/l	100
31) Cyclohexane	5.546	56	73826	47.17	ug/l	93
32) 1,1,1-Trichloroethane	5.458	97	84450	49.27	ug/l	97
36) 1,1-Dichloropropene	5.764	75	65674	46.21	ug/l	97
37) Ethyl Acetate	4.793	43	77001	46.86	ug/l #	93
38) Carbon Tetrachloride	5.752	117	73667	48.24	ug/l	99
39) Methylcyclohexane	7.441	83	70762	44.91	ug/l	93
40) Benzene	6.111	78	192154	47.62	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.999	41	45650	47.90	ug/l	89
42) 1,2-Dichloroethane	6.158	62	85203	48.70	ug/l	94
43) Isopropyl Acetate	6.411	43	129983	48.72	ug/l #	91
44) Trichloroethene	7.188	130	50059	47.01	ug/l	93
45) 1,2-Dichloropropane	7.488	63	53253	48.71	ug/l	96
46) Dibromomethane	7.635	93	37654	47.26	ug/l	92
47) Bromodichloromethane	7.876	83	79269	48.88	ug/l	99
48) Methyl methacrylate	7.747	41	70636	49.63	ug/l #	82
49) 1,4-Dioxane	7.711	88	25513	1001.23	ug/l #	89
51) 4-Methyl-2-Pentanone	8.617	43	418736	255.15	ug/l	88
52) Toluene	8.764	92	121999	48.94	ug/l	99
53) t-1,3-Dichloropropene	9.023	75	80871	49.39	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	85588	49.12	ug/l #	84
55) 1,1,2-Trichloroethane	9.194	97	51989	49.42	ug/l	98
56) Ethyl methacrylate	9.159	69	81069	45.80	ug/l #	76
57) 1,3-Dichloropropane	9.353	76	89283	49.59	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	229141	257.72	ug/l	96
59) 2-Hexanone	9.470	43	317902	257.97	ug/l	85
60) Dibromochloromethane	9.565	129	61536	52.22	ug/l	99
61) 1,2-Dibromoethane	9.653	107	55960	49.52	ug/l	98
64) Tetrachloroethene	9.318	164	44977	50.47	ug/l	96
65) Chlorobenzene	10.118	112	132907	49.73	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.206	131	53678	52.41	ug/l	99
67) Ethyl Benzene	10.235	91	245331	50.36	ug/l	99
68) m/p-Xylenes	10.341	106	177133	102.06	ug/l	93
69) o-Xylene	10.682	106	85077	50.61	ug/l	94
70) Styrene	10.694	104	147253	50.94	ug/l	96
71) Bromoform	10.841	173	44210	53.12	ug/l	99
73) Isopropylbenzene	11.000	105	233795	51.89	ug/l	100
74) N-amyl acetate	10.882	43	111035	50.93	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	80587	50.62	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	78817m	52.80	ug/l	
77) Bromobenzene	11.241	156	58742	52.60	ug/l	97
78) n-propylbenzene	11.341	91	273582	51.42	ug/l	98
79) 2-Chlorotoluene	11.406	91	162555	50.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	198678	51.61	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.059	75	24619	50.23	ug/l #	86
82) 4-Chlorotoluene	11.494	91	193066	50.38	ug/l	98
83) tert-Butylbenzene	11.753	119	192914	51.48	ug/l	92
84) 1,2,4-Trimethylbenzene	11.788	105	203710	52.50	ug/l	97
85) sec-Butylbenzene	11.930	105	224958	52.04	ug/l	99
86) p-Isopropyltoluene	12.047	119	201636	51.24	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	100415	49.93	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	99606	47.87	ug/l	97
89) n-Butylbenzene	12.371	91	180061	49.94	ug/l	96
90) Hexachloroethane	12.577	117	36749	51.75	ug/l	96
91) 1,2-Dichlorobenzene	12.377	146	100790	51.54	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	19352	48.31	ug/l	83
93) 1,2,4-Trichlorobenzene	13.630	180	63077	49.22	ug/l	98
94) Hexachlorobutadiene	13.765	225	26285	45.44	ug/l	95
95) Naphthalene	13.812	128	219667	52.55	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	66112	51.61	ug/l	98

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

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