

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030821\
 Data File : VX021076.D
 Acq On : 08 Mar 2021 20:53
 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
 3/9/2021 3:04:22 PM

Quant Time: Mar 09 01:11:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	221033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	372679	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	335270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	152545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	137786	46.15	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.30%		
35) Dibromofluoromethane	5.464	113	114072	50.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.76%		
50) Toluene-d8	8.694	98	448711	50.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.64%		
62) 4-Bromofluorobenzene	11.118	95	156510	47.94	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.88%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.187	85	103043	43.12	ug/l	100
3) Chloromethane	1.311	50	126504	47.64	ug/l	100
4) Vinyl Chloride	1.393	62	144636	47.31	ug/l	100
5) Bromomethane	1.623	94	50423	49.30	ug/l	97
6) Chloroethane	1.705	64	94502	49.41	ug/l	99
7) Trichlorofluoromethane	1.917	101	187047	48.47	ug/l	96
8) Diethyl Ether	2.170	74	85688	47.85	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.364	101	109626	46.11	ug/l	99
10) Methyl Iodide	2.487	142	155091	48.55	ug/l	99
11) Tert butyl alcohol	3.017	59	126959	190.96	ug/l	98
12) 1,1-Dichloroethene	2.358	96	115384	46.64	ug/l	95
13) Acrolein	2.270	56	97663	237.23	ug/l	98
14) Allyl chloride	2.705	41	179726	44.46	ug/l	99
15) Acrylonitrile	3.111	53	324686	228.87	ug/l	99
16) Acetone	2.417	43	250036	203.25	ug/l	100
17) Carbon Disulfide	2.552	76	312293	44.31	ug/l	99
18) Methyl Acetate	2.746	43	132751	45.62	ug/l	100
19) Methyl tert-butyl Ether	3.164	73	415893	47.06	ug/l	100
20) Methylene Chloride	2.835	84	139154	47.15	ug/l	99
21) trans-1,2-Dichloroethene	3.140	96	129181	46.49	ug/l	100
22) Diisopropyl ether	3.823	45	382691	47.08	ug/l	97
23) Vinyl Acetate	3.782	43	1591972	229.02	ug/l	99
24) 1,1-Dichloroethane	3.670	63	232295	48.52	ug/l	99
25) 2-Butanone	4.629	43	406462	217.49	ug/l	99
26) 2,2-Dichloropropane	4.552	77	177767	40.89	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	153244	47.86	ug/l	97
28) Bromochloromethane	4.982	49	98232	47.96	ug/l	95
29) Tetrahydrofuran	5.082	42	265225	221.11	ug/l	99
30) Chloroform	5.176	83	235845	48.90	ug/l	98
31) Cyclohexane	5.547	56	199283	46.10	ug/l	98
32) 1,1,1-Trichloroethane	5.464	97	201355	47.93	ug/l	98
36) 1,1-Dichloropropene	5.770	75	178508	50.39	ug/l	99
37) Ethyl Acetate	4.794	43	160679	47.68	ug/l	99
38) Carbon Tetrachloride	5.758	117	171422	49.95	ug/l	97
39) Methylcyclohexane	7.441	83	213926	48.16	ug/l	98
40) Benzene	6.111	78	538273	50.70	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	91215	48.12	ug/l	99
42) 1,2-Dichloroethane	6.159	62	187152	53.02	ug/l	99
43) Isopropyl Acetate	6.411	43	270575	47.21	ug/l	100
44) Trichloroethene	7.188	130	151188	54.16	ug/l	93
45) 1,2-Dichloropropane	7.488	63	141101	53.03	ug/l	99
46) Dibromomethane	7.635	93	93505	52.18	ug/l	99
47) Bromodichloromethane	7.876	83	193441	51.83	ug/l	99
48) Methyl methacrylate	7.747	41	140662	48.92	ug/l	100
49) 1,4-Dioxane	7.712	88	62195	926.59	ug/l	98
51) 4-Methyl-2-Pentanone	8.618	43	810844	242.94	ug/l	99
52) Toluene	8.765	92	349549	52.86	ug/l	98
53) t-1,3-Dichloropropene	9.024	75	212573	50.79	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	236621	51.61	ug/l	97
55) 1,1,2-Trichloroethane	9.194	97	142396	54.50	ug/l	98
56) Ethyl methacrylate	9.159	69	210386	49.74	ug/l	100
57) 1,3-Dichloropropane	9.353	76	240516	53.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	540607	261.40	ug/l	98
59) 2-Hexanone	9.471	43	593606	237.05	ug/l	100
60) Dibromochloromethane	9.565	129	154804	56.14	ug/l	100
61) 1,2-Dibromoethane	9.653	107	146005	53.30	ug/l	99
64) Tetrachloroethene	9.318	164	143166	59.17	ug/l	95
65) Chlorobenzene	10.124	112	372478	52.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	133761	51.36	ug/l	96
67) Ethyl Benzene	10.236	91	657079	51.32	ug/l	99
68) m/p-Xylenes	10.341	106	494419	104.96	ug/l	97
69) o-Xylene	10.683	106	243293	52.92	ug/l	93
70) Styrene	10.694	104	409808	51.96	ug/l	98
71) Bromoform	10.841	173	106927	53.14	ug/l #	97
73) Isopropylbenzene	11.000	105	634710	52.68	ug/l	98
74) N-amyl acetate	10.883	43	227171	46.56	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.253	83	189088	48.68	ug/l	99
76) 1,2,3-Trichloropropane	11.277	75	163067m	49.69	ug/l	
77) Bromobenzene	11.242	156	155923	55.61	ug/l	96
78) n-propylbenzene	11.342	91	720288	52.42	ug/l	100
79) 2-Chlorotoluene	11.406	91	419310	50.37	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	525930	52.45	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.059	75	65533	44.21	ug/l	95
82) 4-Chlorotoluene	11.494	91	487121	50.76	ug/l	99
83) tert-Butylbenzene	11.753	119	498036	51.06	ug/l	97
84) 1,2,4-Trimethylbenzene	11.789	105	525511	51.64	ug/l	100
85) sec-Butylbenzene	11.930	105	595678	51.82	ug/l	100
86) p-Isopropyltoluene	12.047	119	535436	50.83	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	272092	54.22	ug/l	99
88) 1,4-Dichlorobenzene	12.083	146	268573	52.53	ug/l	98
89) n-Butylbenzene	12.371	91	472161	50.20	ug/l	100
90) Hexachloroethane	12.577	117	97854	48.65	ug/l	94
91) 1,2-Dichlorobenzene	12.377	146	262939	53.67	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.983	75	41561	46.73	ug/l	97
93) 1,2,4-Trichlorobenzene	13.630	180	171227	54.49	ug/l	99
94) Hexachlorobutadiene	13.765	225	63278	50.28	ug/l	95
95) Naphthalene	13.818	128	578751	51.74	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	164169	52.61	ug/l	97

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

