

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020967.D
 Acq On : 02 Mar 2021 15:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 11:01:18 AM

Quant Time: Mar 03 01:14:57 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	5.623	168	205742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.823	114	337893	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	293355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	138808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	124327	44.74	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.48%		
35) Dibromofluoromethane	5.458	113	103826	50.57	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.14%		
50) Toluene-d8	8.694	98	405868	50.70	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.40%		
62) 4-Bromofluorobenzene	11.118	95	139194	47.03	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.06%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	100933	45.37	ug/l	99
3) Chloromethane	1.311	50	113384	45.87	ug/l	100
4) Vinyl Chloride	1.393	62	132656	46.62	ug/l	99
5) Bromomethane	1.628	94	55552	59.65	ug/l	100
6) Chloroethane	1.711	64	85128	47.81	ug/l	98
7) Trichlorofluoromethane	1.917	101	183941	51.20	ug/l	97
8) Diethyl Ether	2.170	74	80702	48.42	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.364	101	109482	49.47	ug/l	99
10) Methyl Iodide	2.493	142	149538	50.29	ug/l	96
11) Tert butyl alcohol	3.017	59	113392	183.23	ug/l	98
12) 1,1-Dichloroethene	2.358	96	110793	48.11	ug/l	96
13) Acrolein	2.276	56	90177	235.32	ug/l	99
14) Allyl chloride	2.705	41	169300	44.99	ug/l	98
15) Acrylonitrile	3.111	53	281773	213.39	ug/l	99
16) Acetone	2.417	43	290384	253.59	ug/l	99
17) Carbon Disulfide	2.552	76	309670	47.20	ug/l	99
18) Methyl Acetate	2.746	43	115629	42.69	ug/l	97
19) Methyl tert-butyl Ether	3.164	73	387021	47.05	ug/l	99
20) Methylene Chloride	2.835	84	126202	45.94	ug/l	96
21) trans-1,2-Dichloroethene	3.140	96	124321	48.07	ug/l	98
22) Diisopropyl ether	3.823	45	349929	46.25	ug/l	94
23) Vinyl Acetate	3.782	43	1465038	226.43	ug/l	98
24) 1,1-Dichloroethane	3.670	63	214287	48.08	ug/l	99
25) 2-Butanone	4.629	43	387610	222.82	ug/l	97
26) 2,2-Dichloropropane	4.547	77	189296	46.77	ug/l	99
27) cis-1,2-Dichloroethene	4.564	96	144586	48.52	ug/l	96
28) Bromochloromethane	4.976	49	89383	46.89	ug/l	96
29) Tetrahydrofuran	5.082	42	231534	207.36	ug/l	97
30) Chloroform	5.176	83	217836	48.52	ug/l	97
31) Cyclohexane	5.547	56	192351	47.80	ug/l	93
32) 1,1,1-Trichloroethane	5.458	97	190118	48.62	ug/l	99
36) 1,1-Dichloropropene	5.764	75	169038	52.63	ug/l	98
37) Ethyl Acetate	4.788	43	143210	46.87	ug/l	99
38) Carbon Tetrachloride	5.753	117	162564	52.24	ug/l	97
39) Methylcyclohexane	7.435	83	217339	53.97	ug/l	98
40) Benzene	6.111	78	504743	52.43	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	81801	47.60	ug/l	99
42) 1,2-Dichloroethane	6.158	62	171069	53.45	ug/l	98
43) Isopropyl Acetate	6.406	43	243073	46.77	ug/l	99
44) Trichloroethene	7.182	130	140761	55.61	ug/l	98
45) 1,2-Dichloropropane	7.488	63	124723	51.70	ug/l	99
46) Dibromomethane	7.635	93	83629	51.47	ug/l	99
47) Bromodichloromethane	7.870	83	176794	52.25	ug/l	100
48) Methyl methacrylate	7.741	41	122918	47.15	ug/l	99
49) 1,4-Dioxane	7.723	88	56351	925.96	ug/l	96
51) 4-Methyl-2-Pentanone	8.618	43	687826	227.30	ug/l	100
52) Toluene	8.765	92	316924	52.86	ug/l	100
53) t-1,3-Dichloropropene	9.018	75	193135	50.90	ug/l	98
54) cis-1,3-Dichloropropene	8.412	75	214647	51.64	ug/l	99
55) 1,1,2-Trichloroethane	9.194	97	125933	53.16	ug/l	99
56) Ethyl methacrylate	9.159	69	184224	48.04	ug/l	98
57) 1,3-Dichloropropane	9.353	76	206496	50.81	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.288	63	460118	245.38	ug/l	98
59) 2-Hexanone	9.471	43	525608	231.50	ug/l	99
60) Dibromochloromethane	9.565	129	135486	54.20	ug/l	99
61) 1,2-Dibromoethane	9.653	107	128784	51.86	ug/l	99
64) Tetrachloroethene	9.318	164	131885	62.29	ug/l	97
65) Chlorobenzene	10.118	112	323504	52.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.200	131	118701	52.09	ug/l	97
67) Ethyl Benzene	10.235	91	594048	53.03	ug/l	97
68) m/p-Xylenes	10.341	106	440673	106.91	ug/l	97
69) o-Xylene	10.683	106	210983	52.45	ug/l	98
70) Styrene	10.694	104	359316	52.06	ug/l	98
71) Bromoform	10.841	173	90077	51.16	ug/l #	94
73) Isopropylbenzene	11.000	105	574663	52.42	ug/l	99
74) N-amyl acetate	10.877	43	189788	42.75	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.253	83	165178	46.73	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	139268m	46.64	ug/l	
77) Bromobenzene	11.236	156	131910	51.70	ug/l	97
78) n-propylbenzene	11.342	91	647778	51.81	ug/l	100
79) 2-Chlorotoluene	11.406	91	374813	49.48	ug/l	100
80) 1,3,5-Trimethylbenzene	11.489	105	472261	51.76	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.059	75	57944	42.96	ug/l	97
82) 4-Chlorotoluene	11.494	91	433043	49.59	ug/l	99
83) tert-Butylbenzene	11.753	119	438472	49.40	ug/l	97
84) 1,2,4-Trimethylbenzene	11.789	105	469577	50.71	ug/l	96
85) sec-Butylbenzene	11.930	105	541558	51.78	ug/l	100
86) p-Isopropyltoluene	12.047	119	501978	52.37	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	239425	52.43	ug/l	100
88) 1,4-Dichlorobenzene	12.083	146	238926	51.35	ug/l	98
89) n-Butylbenzene	12.371	91	445699	52.08	ug/l	99
90) Hexachloroethane	12.577	117	85995	46.99	ug/l	99
91) 1,2-Dichlorobenzene	12.377	146	242373	54.37	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.983	75	36966	45.68	ug/l	99
93) 1,2,4-Trichlorobenzene	13.630	180	167578	58.60	ug/l	99
94) Hexachlorobutadiene	13.765	225	63320	55.29	ug/l	94
95) Naphthalene	13.818	128	545063	53.55	ug/l	100
96) 1,2,3-Trichlorobenzene	14.001	180	165210	58.19	ug/l	99

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

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