

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031721\
 Data File : VX021260.D
 Acq On : 17 Mar 2021 09:51
 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
 3/18/2021 2:21:07 PM

Quant Time: Mar 18 03:49:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	88912	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.823	114	143828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	130863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	63951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.023	65	69491	47.65	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.30%
35) Dibromofluoromethane	5.458	113	48747	49.81	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.62%
50) Toluene-d8	8.694	98	175927	49.54	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.08%
62) 4-Bromofluorobenzene	11.118	95	70375	51.03	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.06%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	52775	49.68	ug/l	100
3) Chloromethane	1.311	50	69186	45.03	ug/l	99
4) Vinyl Chloride	1.393	62	51047	47.19	ug/l	99
5) Bromomethane	1.623	94	23344	49.40	ug/l	99
6) Chloroethane	1.705	64	31458	47.58	ug/l	100
7) Trichlorofluoromethane	1.911	101	81549	50.00	ug/l	100
8) Diethyl Ether	2.170	74	27499	47.92	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.364	101	45802	49.29	ug/l	96
10) Methyl Iodide	2.487	142	36808	45.38	ug/l #	90
11) Tert butyl alcohol	3.011	59	55470	226.41	ug/l	97
12) 1,1-Dichloroethene	2.352	96	43596	48.10	ug/l	87
13) Acrolein	2.270	56	34897	238.49	ug/l	98
14) Allyl chloride	2.705	41	90083	48.22	ug/l	88
15) Acrylonitrile	3.111	53	136759	240.08	ug/l	98
16) Acetone	2.417	43	114957	214.24	ug/l	89
17) Carbon Disulfide	2.546	76	121988	46.28	ug/l	99
18) Methyl Acetate	2.746	43	66293	45.08	ug/l #	89
19) Methyl tert-butyl Ether	3.164	73	169934	49.96	ug/l	99
20) Methylene Chloride	2.835	84	51748	46.89	ug/l #	86
21) trans-1,2-Dichloroethene	3.140	96	48296	47.73	ug/l	89
22) Diisopropyl ether	3.823	45	178156	49.64	ug/l	96
23) Vinyl Acetate	3.782	43	792986	253.26	ug/l #	92
24) 1,1-Dichloroethane	3.664	63	94271	48.64	ug/l	97
25) 2-Butanone	4.629	43	195246	236.63	ug/l	89
26) 2,2-Dichloropropane	4.547	77	87376	51.67	ug/l	95
27) cis-1,2-Dichloroethene	4.558	96	56492	48.59	ug/l	89
28) Bromochloromethane	4.976	49	44370	48.59	ug/l	84
29) Tetrahydrofuran	5.088	42	127174	233.36	ug/l	86
30) Chloroform	5.170	83	99937	49.53	ug/l	100
31) Cyclohexane	5.541	56	85292	48.38	ug/l	90
32) 1,1,1-Trichloroethane	5.458	97	88751	49.64	ug/l	96
36) 1,1-Dichloropropene	5.764	75	73782	50.91	ug/l	96
37) Ethyl Acetate	4.788	43	77860	46.36	ug/l #	93
38) Carbon Tetrachloride	5.753	117	79453	52.79	ug/l	99
39) Methylcyclohexane	7.435	83	85450	53.11	ug/l	95
40) Benzene	6.111	78	207012	51.84	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.000	41	45065	46.76	ug/l	89
42) 1,2-Dichloroethane	6.159	62	87697	50.90	ug/l	93
43) Isopropyl Acetate	6.406	43	135603	49.24	ug/l #	91
44) Trichloroethene	7.182	130	54478	51.35	ug/l	94
45) 1,2-Dichloropropane	7.488	63	56155	52.33	ug/l	99
46) Dibromomethane	7.635	93	39767	50.64	ug/l	92
47) Bromodichloromethane	7.870	83	83002	52.71	ug/l	98
48) Methyl methacrylate	7.741	41	70765	48.45	ug/l #	83
49) 1,4-Dioxane	7.712	88	23033	924.99	ug/l #	88
51) 4-Methyl-2-Pentanone	8.618	43	403403	251.77	ug/l	88
52) Toluene	8.765	92	128819	52.16	ug/l	97
53) t-1,3-Dichloropropene	9.018	75	87756	52.53	ug/l	99
54) cis-1,3-Dichloropropene	8.412	75	93709	52.53	ug/l #	85
55) 1,1,2-Trichloroethane	9.194	97	53024	52.48	ug/l	98
56) Ethyl methacrylate	9.159	69	85011	52.32	ug/l #	77
57) 1,3-Dichloropropane	9.353	76	91659	52.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.288	63	215449	242.65	ug/l	96
59) 2-Hexanone	9.471	43	302230	252.02	ug/l	84
60) Dibromochloromethane	9.565	129	60844	52.88	ug/l	100
61) 1,2-Dibromoethane	9.653	107	57269	51.72	ug/l	99
64) Tetrachloroethene	9.318	164	49756	50.91	ug/l	94
65) Chlorobenzene	10.118	112	137180	50.99	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.206	131	51808	51.91	ug/l	98
67) Ethyl Benzene	10.236	91	257722	51.80	ug/l	100
68) m/p-Xylenes	10.341	106	189011	106.33	ug/l	94
69) o-Xylene	10.683	106	90552	52.42	ug/l	90
70) Styrene	10.694	104	155182	53.54	ug/l	95
71) Bromoform	10.836	173	41664	51.63	ug/l #	97
73) Isopropylbenzene	11.000	105	250194	52.67	ug/l	99
74) N-amyl acetate	10.877	43	121155	50.28	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.253	83	79782	50.59	ug/l	100
76) 1,2,3-Trichloropropane	11.277	75	79234m	53.41	ug/l	
77) Bromobenzene	11.236	156	59371	52.67	ug/l	94
78) n-propylbenzene	11.342	91	296849	53.43	ug/l	98
79) 2-Chlorotoluene	11.406	91	174710	51.79	ug/l	99
80) 1,3,5-Trimethylbenzene	11.489	105	210309	52.32	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.059	75	27603	50.52	ug/l #	67
82) 4-Chlorotoluene	11.495	91	204497	51.48	ug/l	97
83) tert-Butylbenzene	11.753	119	203989	53.31	ug/l	91
84) 1,2,4-Trimethylbenzene	11.789	105	214537	52.49	ug/l	98
85) sec-Butylbenzene	11.930	105	239789	53.17	ug/l	99
86) p-Isopropyltoluene	12.048	119	220383	53.32	ug/l	96
87) 1,3-Dichlorobenzene	12.006	146	106754	51.93	ug/l	98
88) 1,4-Dichlorobenzene	12.083	146	106736	50.77	ug/l	97
89) n-Butylbenzene	12.371	91	203656	54.07	ug/l	97
90) Hexachloroethane	12.577	117	35079	55.73	ug/l	92
91) 1,2-Dichlorobenzene	12.377	146	101995	50.87	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.983	75	19477	48.16	ug/l	80
93) 1,2,4-Trichlorobenzene	13.630	180	67296	51.06	ug/l	98
94) Hexachlorobutadiene	13.765	225	29568	53.47	ug/l	98
95) Naphthalene	13.818	128	225289	49.67	ug/l	99
96) 1,2,3-Trichlorobenzene	14.001	180	68508	52.19	ug/l	98

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

