

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042420\
 Data File : VX015959.D
 Acq On : 25 Apr 2020 02:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/27/2020 12:40:23 PM

Quant Time: Apr 25 08:19:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	135126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	259076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	246122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	99668	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	5.47	113	75839	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
50) Toluene-d8	8.70	98	305432	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.12	95	123770	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	75808	51.026	ug/l	100
3) Chloromethane	1.31	50	74538	48.682	ug/l	98
4) Vinyl Chloride	1.39	62	102170	52.143	ug/l	100
5) Bromomethane	1.62	94	39285	55.607	ug/l	99
6) Chloroethane	1.71	64	58122	49.277	ug/l	100
7) Trichlorofluoromethane	1.92	101	112636	49.074	ug/l	99
8) Diethyl Ether	2.17	74	52684	48.230	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71814	49.183	ug/l	99
10) Methyl Iodide	2.49	142	72642	43.871	ug/l	98
11) Tert butyl alcohol	3.01	59	102598	250.285	ug/l	100
12) 1,1-Dichloroethene	2.36	96	78521	51.325	ug/l	99
13) Acrolein	2.28	56	58635	230.477	ug/l	99
14) Allyl chloride	2.71	41	133404	49.338	ug/l	98
15) Acrylonitrile	3.12	53	236818	264.316	ug/l	100
16) Acetone	2.42	43	187682	262.245	ug/l	97
17) Carbon Disulfide	2.55	76	204023	48.379	ug/l	100
18) Methyl Acetate	2.75	43	111916	51.708	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	279849	51.073	ug/l	100
20) Methylene Chloride	2.84	84	90735	51.255	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	85723	50.151	ug/l	98
22) Diisopropyl ether	3.82	45	273767	51.270	ug/l	99
23) Vinyl Acetate	3.79	43	1139560	261.212	ug/l	100
24) 1,1-Dichloroethane	3.67	63	156441	51.214	ug/l	99
25) 2-Butanone	4.64	43	305366	262.052	ug/l	100
26) 2,2-Dichloropropane	4.56	77	106816	39.629	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	97766	50.420	ug/l	98
28) Bromochloromethane	4.98	49	64950	48.101	ug/l	99
29) Tetrahydrofuran	5.09	42	200078	260.646	ug/l	100
30) Chloroform	5.18	83	154592	51.197	ug/l	99
31) Cyclohexane	5.55	56	139365	48.708	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	134614	49.554	ug/l	100
36) 1,1-Dichloropropene	5.77	75	119545	48.349	ug/l	99
37) Ethyl Acetate	4.79	43	122861	49.537	ug/l	99
38) Carbon Tetrachloride	5.76	117	110272	48.805	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	140637	46.923	ug/l	99
40) Benzene	6.12	78	361441	49.950	ug/l	97
41) Methacrylonitrile	5.01	41	68128	48.460	ug/l	99
42) 1,2-Dichloroethane	6.17	62	124140	49.023	ug/l	100
43) Isopropyl Acetate	6.42	43	204423	50.169	ug/l	99
44) Trichloroethene	7.19	130	106792	47.944	ug/l	99
45) 1,2-Dichloropropane	7.49	63	92619	50.020	ug/l	99
46) Dibromomethane	7.64	93	60528	48.949	ug/l	99
47) Bromodichloromethane	7.88	83	124439	49.452	ug/l	100
48) Methyl methacrylate	7.75	41	98088	48.955	ug/l	99
49) 1,4-Dioxane	7.71	88	46026	1032.829	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	608592	254.772	ug/l	100
52) Toluene	8.77	92	226289	49.297	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	143900	47.425	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	152348	47.996	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	90559	49.396	ug/l	99
56) Ethyl methacrylate	9.16	69	147979	50.105	ug/l	99
57) 1,3-Dichloropropane	9.35	76	157510	50.217	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	385920	264.439	ug/l	99
59) 2-Hexanone	9.48	43	465269	256.510	ug/l	100
60) Dibromochloromethane	9.57	129	90300	49.600	ug/l	99
61) 1,2-Dibromoethane	9.66	107	93734	49.432	ug/l	99
64) Tetrachloroethene	9.32	164	114131	46.602	ug/l	96
65) Chlorobenzene	10.12	112	237862	48.678	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	84758	48.949	ug/l	98
67) Ethyl Benzene	10.24	91	436259	48.425	ug/l	98
68) m/p-Xylenes	10.34	106	324115	98.235	ug/l	99
69) o-Xylene	10.68	106	154463	47.975	ug/l	97
70) Styrene	10.70	104	274267	49.391	ug/l	99
71) Bromoform	10.84	173	56365	43.085	ug/l #	92
73) Isopropylbenzene	11.01	105	414551	48.644	ug/l	100
74) N-amyl acetate	10.88	43	186653	50.429	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	105905	54.990	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	125367m	50.974	ug/l	
77) Bromobenzene	11.24	156	96837	50.027	ug/l	97
78) n-propylbenzene	11.35	91	485806	48.282	ug/l	100
79) 2-Chlorotoluene	11.41	91	294316	49.623	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	353290	48.766	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	49120	44.989	ug/l	99
82) 4-Chlorotoluene	11.49	91	345103	48.748	ug/l	99
83) tert-Butylbenzene	11.76	119	302819	49.712	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	364795	49.108	ug/l	100
85) sec-Butylbenzene	11.93	105	406775	48.772	ug/l	100
86) p-Isopropyltoluene	12.05	119	366532	48.194	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	178033	50.020	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	177454	48.418	ug/l	99
89) n-Butylbenzene	12.37	91	341747	47.679	ug/l	100
90) Hexachloroethane	12.58	117	56705	47.783	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	169222	49.033	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	29410	47.966	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	109671	49.258	ug/l	95
94) Hexachlorobutadiene	13.77	225	37984	48.127	ug/l	100
95) Naphthalene	13.82	128	412257	50.913	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	106545	50.579	ug/l	95

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

