

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101320\
 Data File : VX018931.D
 Acq On : 13 Oct 2020 16:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:08:29 PM

Quant Time: Oct 14 02:38:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	265396	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	374612	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.09	117	363837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212341	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	162829	41.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.20%	
35) Dibromofluoromethane	5.46	113	123734	46.35	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	92.70%	
50) Toluene-d8	8.70	98	447794	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.12	95	179139	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	144942	46.308	ug/l	99
3) Chloromethane	1.31	50	120000	48.242	ug/l	100
4) Vinyl Chloride	1.39	62	134535	48.384	ug/l	96
5) Bromomethane	1.62	94	87781	56.683	ug/l	99
6) Chloroethane	1.71	64	86216	46.295	ug/l	99
7) Trichlorofluoromethane	1.92	101	240312	43.846	ug/l	96
8) Diethyl Ether	2.17	74	72760	47.685	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116896	44.409	ug/l	99
10) Methyl Iodide	2.49	142	128602	46.779	ug/l	93
11) Tert butyl alcohol	3.01	59	133449	216.462	ug/l	97
12) 1,1-Dichloroethene	2.36	96	112085	45.822	ug/l	98
13) Acrolein	2.27	56	118772	231.553	ug/l	99
14) Allyl chloride	2.70	41	205041	46.140	ug/l	94
15) Acrylonitrile	3.11	53	306565	234.467	ug/l	99
16) Acetone	2.42	43	319578	215.584	ug/l	99
17) Carbon Disulfide	2.55	76	331425	46.114	ug/l	99
18) Methyl Acetate	2.75	43	149302	45.884	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	388841	47.316	ug/l	99
20) Methylene Chloride	2.83	84	133985	48.009	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	133647	47.012	ug/l	98
22) Diisopropyl ether	3.82	45	373051	46.906	ug/l	90
23) Vinyl Acetate	3.78	43	1812476	236.954	ug/l	98
24) 1,1-Dichloroethane	3.67	63	238509	44.604	ug/l	98
25) 2-Butanone	4.63	43	469403	221.401	ug/l	99
26) 2,2-Dichloropropane	4.54	77	228558	44.300	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	147011	46.567	ug/l	97
28) Bromochloromethane	4.98	49	106416	45.210	ug/l	99
29) Tetrahydrofuran	5.08	42	258118	226.916	ug/l	98
30) Chloroform	5.17	83	258040	43.799	ug/l	95
31) Cyclohexane	5.54	56	176519	48.282	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	246908	44.101	ug/l	97
36) 1,1-Dichloropropene	5.76	75	189076	48.005	ug/l	99
37) Ethyl Acetate	4.79	43	184608	48.536	ug/l	99
38) Carbon Tetrachloride	5.74	117	228175	46.740	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	183596	50.567	ug/l	99
40) Benzene	6.10	78	520132	49.154	ug/l	98
41) Methacrylonitrile	5.00	41	101000	45.774	ug/l	98
42) 1,2-Dichloroethane	6.15	62	219238	44.193	ug/l	99
43) Isopropyl Acetate	6.40	43	287338	45.457	ug/l	98
44) Trichloroethene	7.18	130	150872	47.543	ug/l	100
45) 1,2-Dichloropropane	7.49	63	134021	47.866	ug/l	98
46) Dibromomethane	7.63	93	96997	46.878	ug/l	96
47) Bromodichloromethane	7.87	83	209056	46.624	ug/l	96
48) Methyl methacrylate	7.74	41	151095	47.108	ug/l	96
49) 1,4-Dioxane	7.71	88	42496	944.913	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	892174	241.823	ug/l	99
52) Toluene	8.76	92	339302	49.965	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	228171	49.145	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	238295	49.894	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	138820	47.592	ug/l	96
56) Ethyl methacrylate	9.16	69	195322	46.114	ug/l	96
57) 1,3-Dichloropropane	9.35	76	233485	49.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	542369	256.999	ug/l	100
59) 2-Hexanone	9.47	43	686915	244.378	ug/l	97
60) Dibromochloromethane	9.56	129	175353	47.890	ug/l	100
61) 1,2-Dibromoethane	9.65	107	151846	48.544	ug/l	100
64) Tetrachloroethene	9.32	164	145610	54.927	ug/l	90
65) Chlorobenzene	10.12	112	377311	47.988	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	154256	47.555	ug/l	99
67) Ethyl Benzene	10.23	91	657376	49.560	ug/l	98
68) m/p-Xylenes	10.34	106	516769	102.546	ug/l	97
69) o-Xylene	10.68	106	234180	49.322	ug/l	99
70) Styrene	10.70	104	421338	52.418	ug/l	99
71) Bromoform	10.84	173	138253	49.277	ug/l #	96
73) Isopropylbenzene	11.00	105	683436	49.202	ug/l	99
74) N-amyl acetate	10.88	43	260145	47.337	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	203509	43.958	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	205532m	44.922	ug/l	
77) Bromobenzene	11.24	156	177938	46.634	ug/l	98
78) n-propylbenzene	11.34	91	769325	48.606	ug/l	100
79) 2-Chlorotoluene	11.40	91	460166	46.640	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	585422	49.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	73650	45.619	ug/l	94
82) 4-Chlorotoluene	11.49	91	569281	48.526	ug/l	99
83) tert-Butylbenzene	11.76	119	559628	47.033	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	593480	49.137	ug/l	98
85) sec-Butylbenzene	11.93	105	652687	48.691	ug/l	99
86) p-Isopropyltoluene	12.05	119	633535	49.818	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	319631	45.612	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	330795	46.603	ug/l	98
89) n-Butylbenzene	12.37	91	544486	49.278	ug/l	100
90) Hexachloroethane	12.58	117	105665	44.694	ug/l	90
91) 1,2-Dichlorobenzene	12.37	146	309623	46.418	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47975	40.518	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	221913	51.857	ug/l	96
94) Hexachlorobutadiene	13.77	225	108716	57.197	ug/l	96
95) Naphthalene	13.82	128	617188	43.618	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	220304	52.618	ug/l	97

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

