

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019043.D
 Acq On : 22 Oct 2020 21:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 1:20:01 PM

Quant Time: Oct 23 08:42:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	237743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	401020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190139	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	138365	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
35) Dibromofluoromethane	5.47	113	122649	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.70	98	469177	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	11.12	95	170315	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	121346	51.242	ug/l	100
3) Chloromethane	1.31	50	111165	47.212	ug/l	100
4) Vinyl Chloride	1.39	62	137783	49.593	ug/l	100
5) Bromomethane	1.64	94	118321	46.470	ug/l	99
6) Chloroethane	1.71	64	94170	48.437	ug/l	99
7) Trichlorofluoromethane	1.92	101	230564	49.109	ug/l	98
8) Diethyl Ether	2.17	74	88564	48.175	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	110294	49.588	ug/l	99
10) Methyl Iodide	2.50	142	124495	40.677	ug/l	99
11) Tert butyl alcohol	3.03	59	139533	241.922	ug/l	100
12) 1,1-Dichloroethene	2.36	96	112872	48.778	ug/l	98
13) Acrolein	2.28	56	61429	280.675	ug/l	98
14) Allyl chloride	2.71	41	143820	48.043	ug/l	99
15) Acrylonitrile	3.12	53	273161	244.916	ug/l	100
16) Acetone	2.42	43	231566	238.731	ug/l	99
17) Carbon Disulfide	2.55	76	306499	45.926	ug/l	100
18) Methyl Acetate	2.75	43	121833	50.616	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	362830	49.500	ug/l	99
20) Methylene Chloride	2.84	84	131195	48.583	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	130476	48.321	ug/l	100
22) Diisopropyl ether	3.82	45	291678	49.412	ug/l	100
23) Vinyl Acetate	3.78	43	1397527	249.329	ug/l	99
24) 1,1-Dichloroethane	3.67	63	211930	49.299	ug/l	100
25) 2-Butanone	4.64	43	377099	246.042	ug/l	99
26) 2,2-Dichloropropane	4.55	77	172787	43.532	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	150490	49.109	ug/l	99
28) Bromochloromethane	4.98	49	89558	49.061	ug/l	98
29) Tetrahydrofuran	5.09	42	219457	239.564	ug/l	99
30) Chloroform	5.18	83	235497	50.458	ug/l	96
31) Cyclohexane	5.55	56	163017	48.882	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	212983	50.316	ug/l	100
36) 1,1-Dichloropropene	5.77	75	173737	48.282	ug/l	99
37) Ethyl Acetate	4.79	43	149589	48.706	ug/l	100
38) Carbon Tetrachloride	5.76	117	184405	48.825	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	192212	47.679	ug/l	98
40) Benzene	6.11	78	522711	49.324	ug/l	100
41) Methacrylonitrile	5.00	41	78295	47.458	ug/l	99
42) 1,2-Dichloroethane	6.16	62	180453	49.895	ug/l	99
43) Isopropyl Acetate	6.41	43	252575	48.558	ug/l	99
44) Trichloroethene	7.19	130	149038	48.224	ug/l	90
45) 1,2-Dichloropropane	7.49	63	125314	49.297	ug/l	98
46) Dibromomethane	7.63	93	95417	49.282	ug/l	99
47) Bromodichloromethane	7.87	83	189151	49.827	ug/l	97
48) Methyl methacrylate	7.74	41	121493	47.404	ug/l	99
49) 1,4-Dioxane	7.73	88	57304	989.583	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	766078	249.944	ug/l	99
52) Toluene	8.76	92	346200	49.460	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	208127	48.550	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	219103	48.400	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	141192	49.481	ug/l	98
56) Ethyl methacrylate	9.16	69	204995	49.935	ug/l	99
57) 1,3-Dichloropropane	9.35	76	227196	50.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	527834	244.762	ug/l	99
59) 2-Hexanone	9.48	43	575489	251.956	ug/l	100
60) Dibromochloromethane	9.57	129	155426	49.975	ug/l	99
61) 1,2-Dibromoethane	9.65	107	152259	49.872	ug/l	99
64) Tetrachloroethene	9.32	164	130597	46.186	ug/l	97
65) Chlorobenzene	10.12	112	381915	49.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	141822	51.205	ug/l	99
67) Ethyl Benzene	10.24	91	668384	49.774	ug/l	100
68) m/p-Xylenes	10.34	106	518778	100.853	ug/l	98
69) o-Xylene	10.68	106	249221	50.623	ug/l	99
70) Styrene	10.70	104	428191	51.229	ug/l	99
71) Bromoform	10.84	173	115681	51.739	ug/l #	98
73) Isopropylbenzene	11.00	105	666387	48.719	ug/l	99
74) N-amyl acetate	10.88	43	218071	49.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	207328	50.314	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	189168m	49.777	ug/l	
77) Bromobenzene	11.24	156	167191	48.399	ug/l	99
78) n-propylbenzene	11.34	91	758180	48.918	ug/l	99
79) 2-Chlorotoluene	11.40	91	441958	48.879	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	555115	49.146	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	68490	45.916	ug/l	98
82) 4-Chlorotoluene	11.49	91	523632	48.670	ug/l	99
83) tert-Butylbenzene	11.76	119	549135	49.351	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	562595	49.741	ug/l	100
85) sec-Butylbenzene	11.93	105	656363	48.746	ug/l	100
86) p-Isopropyltoluene	12.05	119	602587	48.979	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	305801	48.258	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	305392	46.961	ug/l	99
89) n-Butylbenzene	12.37	91	541733	48.105	ug/l	99
90) Hexachloroethane	12.58	117	95853	50.891	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	286381	48.471	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44402	47.322	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	202906	46.942	ug/l	99
94) Hexachlorobutadiene	13.77	225	86193	43.011	ug/l	99
95) Naphthalene	13.82	128	680558	50.040	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	200203	47.583	ug/l	98

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

