

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112520\
 Data File : VX019647.D
 Acq On : 25 Nov 2020 10:05
 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
 11/30/2020 9:53:47 AM

Quant Time: Nov 26 05:32:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	274576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	451241	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	404960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176168	49.48	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.96%
35) Dibromofluoromethane	5.46	113	141058	49.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.60%
50) Toluene-d8	8.70	98	534544	48.57	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.14%
62) 4-Bromofluorobenzene	11.12	95	201193	50.81	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.62%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	130158	48.746	ug/l 100
3) Chloromethane	1.31	50	136474	44.541	ug/l 97
4) Vinyl Chloride	1.39	62	152694	46.294	ug/l 99
5) Bromomethane	1.62	94	60070	48.082	ug/l 100
6) Chloroethane	1.69	64	80105	104.289	ug/l 98
7) Trichlorofluoromethane	1.90	101	224967	47.256	ug/l 98
8) Diethyl Ether	2.17	74	95607	50.146	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	129331	48.696	ug/l 99
10) Methyl Iodide	2.48	142	170505	48.868	ug/l 99
11) Tert butyl alcohol	3.04	59	177137	262.911	ug/l 99
12) 1,1-Dichloroethene	2.35	96	128019	46.963	ug/l 97
13) Acrolein	2.27	56	90347	199.489	ug/l 100
14) Allyl chloride	2.70	41	208666	48.863	ug/l 99
15) Acrylonitrile	3.12	53	404152	254.352	ug/l 100
16) Acetone	2.42	43	382466	277.802	ug/l 99
17) Carbon Disulfide	2.54	76	329020	44.928	ug/l 100
18) Methyl Acetate	2.75	43	172043	50.953	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	496260	52.740	ug/l 99
20) Methylene Chloride	2.83	84	162989	47.366	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	150165	48.620	ug/l 96
22) Diisopropyl ether	3.82	45	450935	51.044	ug/l 95
23) Vinyl Acetate	3.78	43	1964149	265.066	ug/l 99
24) 1,1-Dichloroethane	3.67	63	266660	49.350	ug/l 99
25) 2-Butanone	4.64	43	535353	258.855	ug/l 99
26) 2,2-Dichloropropane	4.54	77	234001	49.614	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	177915	50.149	ug/l 100
28) Bromochloromethane	4.97	49	117776	45.589	ug/l 99
29) Tetrahydrofuran	5.09	42	326235	247.226	ug/l 99
30) Chloroform	5.17	83	281060	49.744	ug/l 100
31) Cyclohexane	5.54	56	221084	47.747	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	240300	49.511	ug/l 99
36) 1,1-Dichloropropene	5.76	75	205440	48.563	ug/l 100
37) Ethyl Acetate	4.79	43	202671	51.032	ug/l 99
38) Carbon Tetrachloride	5.75	117	201567	49.226	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	239754	48.674	ug/l	98
40) Benzene	6.10	78	630954	48.543	ug/l	100
41) Methacrylonitrile	5.00	41	108232	49.420	ug/l	97
42) 1,2-Dichloroethane	6.15	62	222985	50.052	ug/l	100
43) Isopropyl Acetate	6.41	43	335890	50.313	ug/l	99
44) Trichloroethene	7.18	130	167645	49.240	ug/l	98
45) 1,2-Dichloropropane	7.48	63	160532	50.169	ug/l	100
46) Dibromomethane	7.63	93	111092	50.726	ug/l	99
47) Bromodichloromethane	7.87	83	218241	51.354	ug/l	98
48) Methyl methacrylate	7.74	41	164502	52.614	ug/l	99
49) 1,4-Dioxane	7.71	88	74271	1046.222	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	994106	255.357	ug/l	99
52) Toluene	8.76	92	395703	49.765	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	244842	53.347	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	269006	52.815	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	164074	50.666	ug/l	99
56) Ethyl methacrylate	9.16	69	246054	53.697	ug/l	100
57) 1,3-Dichloropropane	9.35	76	277629	51.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	660683	246.064	ug/l	98
59) 2-Hexanone	9.47	43	755066	255.735	ug/l	99
60) Dibromochloromethane	9.56	129	165684	52.234	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169890	50.895	ug/l	99
64) Tetrachloroethene	9.32	164	141555	44.469	ug/l	95
65) Chlorobenzene	10.12	112	410204	49.267	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	155165	51.235	ug/l	98
67) Ethyl Benzene	10.23	91	735678	50.437	ug/l	98
68) m/p-Xylenes	10.34	106	558763	102.823	ug/l	99
69) o-Xylene	10.68	106	266667	51.334	ug/l	100
70) Styrene	10.70	104	457193	47.627	ug/l	100
71) Bromoform	10.84	173	116668	45.802	ug/l #	99
73) Isopropylbenzene	11.00	105	722685	52.466	ug/l	100
74) N-amyl acetate	10.88	43	281403	54.520	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	247599	50.265	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	223346m	51.399	ug/l	
77) Bromobenzene	11.24	156	174427	49.605	ug/l	97
78) n-propylbenzene	11.34	91	817282	51.721	ug/l	100
79) 2-Chlorotoluene	11.40	91	489134	51.041	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	603764	52.251	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	79229	49.310	ug/l	99
82) 4-Chlorotoluene	11.49	91	583923	51.760	ug/l	99
83) tert-Butylbenzene	11.76	119	595701	53.288	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	613403	52.466	ug/l	99
85) sec-Butylbenzene	11.93	105	683741	51.413	ug/l	100
86) p-Isopropyltoluene	12.05	119	631125	52.269	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	323040	50.023	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	325739	48.969	ug/l	98
89) n-Butylbenzene	12.37	91	550512	50.432	ug/l	99
90) Hexachloroethane	12.58	117	104501	51.721	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	317291	48.919	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52136	51.881	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	214717	51.564	ug/l	98
94) Hexachlorobutadiene	13.76	225	90487	47.702	ug/l	96
95) Naphthalene	13.82	128	718076	48.941	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	214769	51.563	ug/l	98

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

