

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\
 Data File : VX019509.D
 Acq On : 20 Nov 2020 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:51:14 PM

Quant Time: Nov 21 04:48:46 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	254480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	434193	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196832	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165648	50.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.40%
35) Dibromofluoromethane	5.46	113	134348	49.29	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.58%
50) Toluene-d8	8.70	98	512996	48.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.88%
62) 4-Bromofluorobenzene	11.12	95	187969	49.33	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.66%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	128545	51.944	ug/l 100
3) Chloromethane	1.31	50	143230	50.437	ug/l 98
4) Vinyl Chloride	1.39	62	157169	51.414	ug/l 97
5) Bromomethane	1.62	94	53507	46.211	ug/l 99
6) Chloroethane	1.68	64	37776	50.793	ug/l 96
7) Trichlorofluoromethane	1.89	101	222935	50.528	ug/l 99
8) Diethyl Ether	2.17	74	93789	53.077	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	125416	50.951	ug/l 99
10) Methyl Iodide	2.48	142	155109	47.966	ug/l 99
11) Tert butyl alcohol	3.05	59	168688	270.142	ug/l 99
12) 1,1-Dichloroethene	2.34	96	127675	50.535	ug/l 97
13) Acrolein	2.28	56	101645	242.158	ug/l 100
14) Allyl chloride	2.70	41	199680	50.451	ug/l 100
15) Acrylonitrile	3.12	53	405225	275.167	ug/l 99
16) Acetone	2.43	43	321864	252.246	ug/l 99
17) Carbon Disulfide	2.54	76	324062	47.745	ug/l 99
18) Methyl Acetate	2.75	43	169777	54.212	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	469482	53.835	ug/l 99
20) Methylene Chloride	2.83	84	157401	49.354	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	146641	51.229	ug/l 98
22) Diisopropyl ether	3.83	45	439707	53.704	ug/l 92
23) Vinyl Acetate	3.79	43	1894086	275.796	ug/l 100
24) 1,1-Dichloroethane	3.67	63	263230	52.562	ug/l 99
25) 2-Butanone	4.64	43	518960	270.745	ug/l 99
26) 2,2-Dichloropropane	4.54	77	211048	48.281	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	171560	52.177	ug/l 99
28) Bromochloromethane	4.98	49	114344	47.756	ug/l 98
29) Tetrahydrofuran	5.09	42	337092	275.627	ug/l 100
30) Chloroform	5.17	83	275579	52.625	ug/l 99
31) Cyclohexane	5.54	56	220938	51.483	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	236766	52.635	ug/l 100
36) 1,1-Dichloropropene	5.76	75	199352	48.974	ug/l 99
37) Ethyl Acetate	4.80	43	203950	53.370	ug/l 99
38) Carbon Tetrachloride	5.75	117	199408	50.611	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	235578	49.704	ug/l	99
40) Benzene	6.11	78	627164	50.146	ug/l	98
41) Methacrylonitrile	5.01	41	108716	51.590	ug/l	99
42) 1,2-Dichloroethane	6.16	62	216910	50.600	ug/l	99
43) Isopropyl Acetate	6.42	43	332865	51.817	ug/l	100
44) Trichloroethene	7.19	130	161588	49.325	ug/l	97
45) 1,2-Dichloropropane	7.49	63	156729	50.903	ug/l	98
46) Dibromomethane	7.63	93	106324	50.455	ug/l	98
47) Bromodichloromethane	7.87	83	211150	51.637	ug/l	98
48) Methyl methacrylate	7.74	41	161747	53.764	ug/l	99
49) 1,4-Dioxane	7.72	88	76313	1117.195	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1021867	272.795	ug/l	100
52) Toluene	8.76	92	395514	51.694	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	230605	52.218	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	255219	52.076	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	160972	51.660	ug/l	99
56) Ethyl methacrylate	9.16	69	240565	54.560	ug/l	100
57) 1,3-Dichloropropane	9.35	76	269002	51.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	643286	248.992	ug/l	100
59) 2-Hexanone	9.48	43	773702	272.335	ug/l	99
60) Dibromochloromethane	9.57	129	162532	53.253	ug/l	98
61) 1,2-Dibromoethane	9.65	107	167386	52.114	ug/l	99
64) Tetrachloroethene	9.32	164	149628	48.824	ug/l	97
65) Chlorobenzene	10.12	112	404816	50.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	151398	51.925	ug/l	99
67) Ethyl Benzene	10.23	91	741104	52.775	ug/l	100
68) m/p-Xylenes	10.34	106	559463	106.936	ug/l	99
69) o-Xylene	10.68	106	264942	52.976	ug/l	100
70) Styrene	10.70	104	453603	49.031	ug/l	100
71) Bromoform	10.84	173	114386	46.577	ug/l	99
73) Isopropylbenzene	11.00	105	707379	51.950	ug/l	99
74) N-amyl acetate	10.88	43	280545	54.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	252369	51.828	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	222977m	51.909	ug/l	
77) Bromobenzene	11.24	156	177722	51.128	ug/l	98
78) n-propylbenzene	11.34	91	818398	52.392	ug/l	100
79) 2-Chlorotoluene	11.40	91	492794	52.019	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	610550	53.452	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	76359	48.181	ug/l	99
82) 4-Chlorotoluene	11.49	91	574869	51.548	ug/l	100
83) tert-Butylbenzene	11.76	119	580868	52.564	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	621392	53.766	ug/l	99
85) sec-Butylbenzene	11.93	105	688083	52.339	ug/l	100
86) p-Isopropyltoluene	12.05	119	633908	53.108	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	320105	50.144	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	325483	49.498	ug/l	99
89) n-Butylbenzene	12.37	91	562447	52.123	ug/l	99
90) Hexachloroethane	12.58	117	105761	52.952	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	318708	49.708	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53606	53.962	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	209637	50.928	ug/l	99
94) Hexachlorobutadiene	13.76	225	92616	49.391	ug/l	97
95) Naphthalene	13.82	128	730531	50.304	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	216322	52.538	ug/l	97

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

