

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019744.D
 Acq On : 05 Dec 2020 01:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:53:27 AM

Quant Time: Dec 05 06:52:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	332102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	550001	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	509722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	258040	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	214356	49.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.22%
35) Dibromofluoromethane	5.46	113	174607	49.12	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.24%
50) Toluene-d8	8.70	98	680311	50.13	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.26%
62) 4-Bromofluorobenzene	11.12	95	255829	49.53	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.06%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	156912	51.607	ug/l	100
3) Chloromethane	1.31	50	160336	44.839	ug/l	99
4) Vinyl Chloride	1.39	62	194997	51.718	ug/l	98
5) Bromomethane	1.62	94	59549	47.566	ug/l	98
6) Chloroethane	1.70	64	122023	53.875	ug/l	100
7) Trichlorofluoromethane	1.91	101	264758	50.422	ug/l	98
8) Diethyl Ether	2.17	74	112107	50.382	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	157378	52.290	ug/l	99
10) Methyl Iodide	2.49	142	216391	48.777	ug/l	99
11) Tert butyl alcohol	3.01	59	233086	259.857	ug/l	100
12) 1,1-Dichloroethene	2.36	96	161868	53.198	ug/l	99
13) Acrolein	2.27	56	123504	256.344	ug/l	99
14) Allyl chloride	2.70	41	253697	49.367	ug/l	100
15) Acrylonitrile	3.11	53	506624	256.752	ug/l	99
16) Acetone	2.42	43	400218	243.944	ug/l	99
17) Carbon Disulfide	2.55	76	427502	48.965	ug/l	100
18) Methyl Acetate	2.75	43	211250	52.619	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	578047	52.164	ug/l	100
20) Methylene Chloride	2.83	84	199504	53.361	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	180538	50.893	ug/l	98
22) Diisopropyl ether	3.82	45	537684	51.749	ug/l	94
23) Vinyl Acetate	3.78	43	2316593	261.702	ug/l	99
24) 1,1-Dichloroethane	3.67	63	319023	50.916	ug/l	99
25) 2-Butanone	4.63	43	647242	256.743	ug/l	98
26) 2,2-Dichloropropane	4.55	77	230033	42.632	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	210891	50.800	ug/l	97
28) Bromochloromethane	4.98	49	151061	50.575	ug/l	100
29) Tetrahydrofuran	5.09	42	423106	260.496	ug/l	100
30) Chloroform	5.17	83	330752	51.339	ug/l	100
31) Cyclohexane	5.54	56	277231	51.061	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	288324	51.968	ug/l	100
36) 1,1-Dichloropropene	5.77	75	243626	49.019	ug/l	100
37) Ethyl Acetate	4.79	43	252754	50.369	ug/l	99
38) Carbon Tetrachloride	5.75	117	247489	50.852	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	285582	48.908	ug/l	99
40) Benzene	6.11	78	758754	49.978	ug/l	99
41) Methacrylonitrile	5.00	41	137104	49.763	ug/l	98
42) 1,2-Dichloroethane	6.16	62	260849	50.288	ug/l	100
43) Isopropyl Acetate	6.41	43	410287	50.291	ug/l	100
44) Trichloroethene	7.18	130	196606	49.357	ug/l	99
45) 1,2-Dichloropropane	7.49	63	190164	50.117	ug/l	97
46) Dibromomethane	7.63	93	131311	51.246	ug/l	99
47) Bromodichloromethane	7.87	83	259651	51.066	ug/l	100
48) Methyl methacrylate	7.74	41	205889	51.314	ug/l	99
49) 1,4-Dioxane	7.71	88	101553	1044.809	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1291486	259.287	ug/l	100
52) Toluene	8.76	92	477858	50.326	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	284401	50.405	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	308490	50.326	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	194920	50.940	ug/l	99
56) Ethyl methacrylate	9.16	69	304668	52.626	ug/l	100
57) 1,3-Dichloropropane	9.35	76	328251	50.239	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	781871	254.933	ug/l	100
59) 2-Hexanone	9.47	43	996498	258.102	ug/l	100
60) Dibromochloromethane	9.56	129	202722	52.145	ug/l	98
61) 1,2-Dibromoethane	9.65	107	204557	50.343	ug/l	100
64) Tetrachloroethene	9.32	164	167026	48.862	ug/l	96
65) Chlorobenzene	10.12	112	502966	49.528	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	189117	51.741	ug/l	100
67) Ethyl Benzene	10.23	91	915120	50.767	ug/l	99
68) m/p-Xylenes	10.34	106	684976	100.845	ug/l	99
69) o-Xylene	10.68	106	331462	50.730	ug/l	100
70) Styrene	10.70	104	570846	51.761	ug/l	99
71) Bromoform	10.84	173	150248	52.253	ug/l #	97
73) Isopropylbenzene	11.00	105	889036	50.430	ug/l	100
74) N-amyl acetate	10.88	43	364456	51.588	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	315270	50.724	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	290993m	50.280	ug/l	
77) Bromobenzene	11.24	156	222947	49.417	ug/l	99
78) n-propylbenzene	11.34	91	1022151	50.764	ug/l	100
79) 2-Chlorotoluene	11.40	91	612830	49.423	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	749586	50.380	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	98745	49.323	ug/l	99
82) 4-Chlorotoluene	11.49	91	722166	49.729	ug/l	100
83) tert-Butylbenzene	11.76	119	739249	50.661	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	762059	50.847	ug/l	100
85) sec-Butylbenzene	11.93	105	838469	50.328	ug/l	100
86) p-Isopropyltoluene	12.05	119	767969	50.297	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	403973	48.787	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	415336	49.248	ug/l	100
89) n-Butylbenzene	12.37	91	668625	49.427	ug/l	100
90) Hexachloroethane	12.58	117	134584	51.055	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	400130	49.571	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	69726	52.184	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	259513	49.390	ug/l	99
94) Hexachlorobutadiene	13.76	225	106546	45.368	ug/l	96
95) Naphthalene	13.82	128	911584	53.513	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	254083	49.480	ug/l	98

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

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