

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016555.D
 Acq On : 02 Jun 2020 16:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 9:51:52 AM

Quant Time: Jun 03 04:45:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	314624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	491635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	453807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226426	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	190300	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	5.47	113	153431	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	8.70	98	601964	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	11.12	95	230431	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	154141	49.783	ug/l 97
3) Chloromethane	1.31	50	187702	50.165	ug/l 100
4) Vinyl Chloride	1.39	62	197443	49.898	ug/l 100
5) Bromomethane	1.62	94	90988	47.292	ug/l 100
6) Chloroethane	1.71	64	119564	51.800	ug/l 98
7) Trichlorofluoromethane	1.92	101	256127	49.287	ug/l 98
8) Diethyl Ether	2.17	74	108246	49.955	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	147872	51.703	ug/l 100
10) Methyl Iodide	2.49	142	147366	43.547	ug/l 97
11) Tert butyl alcohol	3.01	59	236864	236.407	ug/l 100
12) 1,1-Dichloroethene	2.36	96	155783	51.458	ug/l 99
13) Acrolein	2.27	56	124273	291.577	ug/l 99
14) Allyl chloride	2.71	41	285090	51.206	ug/l 99
15) Acrylonitrile	3.12	53	531502	258.966	ug/l 98
16) Acetone	2.42	43	446286	260.705	ug/l 100
17) Carbon Disulfide	2.55	76	432394	48.096	ug/l 100
18) Methyl Acetate	2.75	43	233596	53.204	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	556585	51.200	ug/l 100
20) Methylene Chloride	2.83	84	175729	49.617	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	167846	50.124	ug/l 94
22) Diisopropyl ether	3.82	45	537397	50.246	ug/l 98
23) Vinyl Acetate	3.78	43	2415640	258.035	ug/l 99
24) 1,1-Dichloroethane	3.67	63	306353	50.749	ug/l 100
25) 2-Butanone	4.64	43	740309	255.222	ug/l 98
26) 2,2-Dichloropropane	4.55	77	272007	55.066	ug/l 100
27) cis-1,2-Dichloroethene	4.57	96	192713	49.747	ug/l 99
28) Bromochloromethane	4.98	49	138428	49.347	ug/l 98
29) Tetrahydrofuran	5.09	42	480597	256.461	ug/l 99
30) Chloroform	5.18	83	301864	49.628	ug/l 100
31) Cyclohexane	5.55	56	261744	48.197	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	272928	49.563	ug/l 99
36) 1,1-Dichloropropene	5.77	75	231740	49.785	ug/l 99
37) Ethyl Acetate	4.79	43	277179	49.598	ug/l 100
38) Carbon Tetrachloride	5.75	117	237078	48.465	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	258243	51.077	ug/l	99
40) Benzene	6.11	78	701796	50.628	ug/l	99
41) Methacrylonitrile	5.00	41	151333	49.299	ug/l	98
42) 1,2-Dichloroethane	6.17	62	239312	48.545	ug/l	98
43) Isopropyl Acetate	6.41	43	439968	50.472	ug/l	99
44) Trichloroethene	7.19	130	206892	47.041	ug/l	98
45) 1,2-Dichloropropane	7.49	63	180951	51.276	ug/l	99
46) Dibromomethane	7.64	93	118564	50.021	ug/l	100
47) Bromodichloromethane	7.88	83	246514	50.229	ug/l	99
48) Methyl methacrylate	7.74	41	210594	50.457	ug/l	98
49) 1,4-Dioxane	7.71	88	89648	917.805	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1386204	255.389	ug/l	99
52) Toluene	8.76	92	443110	50.692	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	291736	52.276	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	308332	52.198	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	177964	51.205	ug/l	98
56) Ethyl methacrylate	9.16	69	300032	53.006	ug/l	98
57) 1,3-Dichloropropane	9.35	76	301142	50.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	747759	253.095	ug/l	99
59) 2-Hexanone	9.47	43	1081855	256.304	ug/l	99
60) Dibromochloromethane	9.57	129	200244	51.197	ug/l	99
61) 1,2-Dibromoethane	9.65	107	189614	50.947	ug/l	99
64) Tetrachloroethene	9.32	164	223695	44.059	ug/l	98
65) Chlorobenzene	10.12	112	471833	50.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	181035	51.260	ug/l	99
67) Ethyl Benzene	10.24	91	832356	50.531	ug/l	100
68) m/p-Xylenes	10.34	106	631573	103.410	ug/l	98
69) o-Xylene	10.68	106	301618	50.994	ug/l	99
70) Styrene	10.70	104	529335	52.066	ug/l	99
71) Bromoform	10.84	173	156039	52.279	ug/l #	100
73) Isopropylbenzene	11.00	105	799514	50.961	ug/l	100
74) N-amyl acetate	10.88	43	379429	52.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	228553	58.128	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	256964m	51.631	ug/l	
77) Bromobenzene	11.24	156	206138	50.096	ug/l	99
78) n-propylbenzene	11.34	91	904525	51.606	ug/l	100
79) 2-Chlorotoluene	11.40	91	545387	50.976	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	675751	51.585	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	105767	52.275	ug/l	98
82) 4-Chlorotoluene	11.49	91	641682	50.790	ug/l	100
83) tert-Butylbenzene	11.76	119	609357	54.440	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	679391	51.282	ug/l	99
85) sec-Butylbenzene	11.93	105	732238	52.148	ug/l	100
86) p-Isopropyltoluene	12.05	119	696000	52.915	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	363630	51.008	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	365494	50.129	ug/l	99
89) n-Butylbenzene	12.37	91	605131	55.234	ug/l	100
90) Hexachloroethane	12.58	117	122632	53.977	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	352949	51.102	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63379	49.765	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	251538	54.837	ug/l	98
94) Hexachlorobutadiene	13.76	225	97814	54.312	ug/l	99
95) Naphthalene	13.82	128	814372	51.789	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	234654	52.216	ug/l	99

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

