

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016769.D
 Acq On : 16 Jun 2020 10:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 9:34:30 AM

Quant Time: Jun 17 04:08:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	255545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	383933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	357183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180854	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	147778	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	5.46	113	118467	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
50) Toluene-d8	8.70	98	452393	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	11.12	95	170416	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	146554	50.761	ug/l	99
3) Chloromethane	1.31	50	137317	49.225	ug/l	99
4) Vinyl Chloride	1.39	62	150819	50.668	ug/l	98
5) Bromomethane	1.62	94	82059	44.390	ug/l	98
6) Chloroethane	1.70	64	91909	50.126	ug/l	99
7) Trichlorofluoromethane	1.91	101	218505	50.969	ug/l	100
8) Diethyl Ether	2.17	74	83931	47.942	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	118086	54.141	ug/l	98
10) Methyl Iodide	2.49	142	134747	49.428	ug/l	99
11) Tert butyl alcohol	3.01	59	174036	241.013	ug/l	100
12) 1,1-Dichloroethene	2.35	96	120526	48.256	ug/l	99
13) Acrolein	2.27	56	78214	254.343	ug/l	98
14) Allyl chloride	2.70	41	191719	49.079	ug/l	98
15) Acrylonitrile	3.11	53	373740	255.066	ug/l	99
16) Acetone	2.42	43	318298	244.124	ug/l	98
17) Carbon Disulfide	2.55	76	330255	46.169	ug/l	100
18) Methyl Acetate	2.75	43	185199	53.216	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	427827	50.258	ug/l	99
20) Methylene Chloride	2.83	84	133657	47.591	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	128131	47.739	ug/l	97
22) Diisopropyl ether	3.82	45	368577	50.232	ug/l	95
23) Vinyl Acetate	3.78	43	1612452	254.249	ug/l	99
24) 1,1-Dichloroethane	3.67	63	220081	47.956	ug/l	99
25) 2-Butanone	4.63	43	500484	254.697	ug/l	99
26) 2,2-Dichloropropane	4.54	77	203688	47.933	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	145963	47.580	ug/l	99
28) Bromochloromethane	4.98	49	93817	47.922	ug/l	99
29) Tetrahydrofuran	5.08	42	326163	256.223	ug/l	99
30) Chloroform	5.17	83	233962	48.188	ug/l	100
31) Cyclohexane	5.54	56	190565	51.546	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	215605	48.938	ug/l	100
36) 1,1-Dichloropropene	5.76	75	169284	49.893	ug/l	99
37) Ethyl Acetate	4.79	43	191517	51.543	ug/l	98
38) Carbon Tetrachloride	5.75	117	196604	51.022	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	202879	51.535	ug/l	97
40) Benzene	6.11	78	514486	49.803	ug/l	99
41) Methacrylonitrile	5.00	41	103514	52.249	ug/l	98
42) 1,2-Dichloroethane	6.16	62	188622	50.027	ug/l	100
43) Isopropyl Acetate	6.41	43	302736	51.986	ug/l	100
44) Trichloroethene	7.18	130	181131	56.685	ug/l	99
45) 1,2-Dichloropropane	7.49	63	128149	50.605	ug/l	98
46) Dibromomethane	7.63	93	93168	50.479	ug/l	99
47) Bromodichloromethane	7.87	83	194293	50.494	ug/l	98
48) Methyl methacrylate	7.74	41	148201	53.694	ug/l	98
49) 1,4-Dioxane	7.71	88	68637	1004.867	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	953738	265.779	ug/l	100
52) Toluene	8.76	92	337544	50.304	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	223130	51.341	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	229802	50.691	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	136992	50.766	ug/l	97
56) Ethyl methacrylate	9.16	69	219165	54.245	ug/l	100
57) 1,3-Dichloropropane	9.35	76	230158	50.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	543983	273.830	ug/l	100
59) 2-Hexanone	9.47	43	745723	269.198	ug/l	99
60) Dibromochloromethane	9.57	129	164273	51.508	ug/l	100
61) 1,2-Dibromoethane	9.65	107	150490	51.171	ug/l	99
64) Tetrachloroethene	9.32	164	211609	61.696	ug/l	99
65) Chlorobenzene	10.12	112	365790	50.470	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	146907	50.810	ug/l	99
67) Ethyl Benzene	10.23	91	635341	51.855	ug/l	100
68) m/p-Xylenes	10.34	106	490085	105.496	ug/l	99
69) o-Xylene	10.68	106	228516	51.060	ug/l	96
70) Styrene	10.69	104	407437	52.663	ug/l	99
71) Bromoform	10.84	173	131651	53.367	ug/l #	99
73) Isopropylbenzene	11.00	105	632842	53.328	ug/l	99
74) N-amyl acetate	10.88	43	258702	56.090	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	141996	40.677	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	201416m	52.959	ug/l	
77) Bromobenzene	11.24	156	168679	50.342	ug/l	99
78) n-propylbenzene	11.34	91	699181	54.253	ug/l	99
79) 2-Chlorotoluene	11.40	91	423097	51.918	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	543157	54.601	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	78065	51.673	ug/l	98
82) 4-Chlorotoluene	11.49	91	495050	51.898	ug/l	100
83) tert-Butylbenzene	11.76	119	460294	50.568	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	551546	54.808	ug/l	99
85) sec-Butylbenzene	11.93	105	577188	54.210	ug/l	100
86) p-Isopropyltoluene	12.05	119	563769	55.185	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	285616	50.421	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	289977	49.362	ug/l	99
89) n-Butylbenzene	12.37	91	457234	54.217	ug/l	99
90) Hexachloroethane	12.58	117	96906	51.439	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	280594	49.533	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	50135	51.358	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	202885	51.143	ug/l	97
94) Hexachlorobutadiene	13.77	225	88212	50.527	ug/l	99
95) Naphthalene	13.82	128	663129	53.358	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	198662	50.879	ug/l	99

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

