

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010192.D
 Acq On : 10 Jun 2019 20:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Jun 11 07:58:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	6/11/2019 11:54:03 AM
1) Pentafluorobenzene	5.66	168	246263	50.00	ug/l	0.00	
34) 1,4-Difluorobenzene	6.86	114	374721	50.00	ug/l	0.00	
63) Chlorobenzene-d5	10.11	117	343946	50.00	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	12.08	152	179719	50.00	ug/l	0.00	
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.06	65	119327	49.64	ug/l	0.00	
Spiked Amount	50.000		Recovery	=	99.28%		
35) Dibromofluoromethane	5.50	113	119224	51.58	ug/l	0.00	
Spiked Amount	50.000		Recovery	=	103.16%		
50) Toluene-d8	8.71	98	452837	52.27	ug/l	0.00	
Spiked Amount	50.000		Recovery	=	104.54%		
62) 4-Bromofluorobenzene	11.13	95	170474	52.69	ug/l	0.00	
Spiked Amount	50.000		Recovery	=	105.38%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane	1.20	85	118839	52.445	ug/l	99	
3) Chloromethane	1.32	50	113262	50.330	ug/l	96	
4) Vinyl Chloride	1.41	62	120211	56.837	ug/l	99	
5) Bromomethane	1.64	94	46647	58.446	ug/l	98	
6) Chloroethane	1.71	64	66914	62.750	ug/l	98	
7) Trichlorofluoromethane	1.92	101	182271	58.016	ug/l	99	
8) Diethyl Ether	2.19	74	62292	57.526	ug/l	78	
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105555	48.741	ug/l	91	
10) Methyl Iodide	2.51	142	170994	50.961	ug/l	96	
11) Tert butyl alcohol	3.05	59	147618	250.682	ug/l	100	
12) 1,1-Dichloroethene	2.37	96	108374	48.994	ug/l #	75	
13) Acrolein	2.29	56	34679	322.974	ug/l	99	
14) Allyl chloride	2.73	41	157426	47.149	ug/l #	89	
15) Acrylonitrile	3.14	53	308604	256.394	ug/l	98	
16) Acetone	2.45	43	253516	224.230	ug/l #	87	
17) Carbon Disulfide	2.57	76	288299	45.108	ug/l	98	
18) Methyl Acetate	2.78	43	123849	49.810	ug/l #	81	
19) Methyl tert-butyl Ether	3.20	73	349188	49.137	ug/l	93	
20) Methylene Chloride	2.85	84	120047	48.348	ug/l #	77	
21) trans-1,2-Dichloroethene	3.17	96	115049	46.999	ug/l #	78	
22) Diisopropyl ether	3.85	45	324531	50.837	ug/l #	89	
23) Vinyl Acetate	3.81	43	1437412	252.397	ug/l #	88	
24) 1,1-Dichloroethane	3.70	63	189665	48.934	ug/l #	93	
25) 2-Butanone	4.67	43	422498	250.952	ug/l #	82	
26) 2,2-Dichloropropane	4.59	77	145599	41.176	ug/l	91	
27) cis-1,2-Dichloroethene	4.59	96	136178	50.006	ug/l	76	
28) Bromochloromethane	5.01	49	72061	41.483	ug/l #	48	
29) Tetrahydrofuran	5.13	42	272959	257.982	ug/l #	75	
30) Chloroform	5.21	83	198876	49.406	ug/l	98	
31) Cyclohexane	5.58	56	174913	50.002	ug/l #	78	
32) 1,1,1-Trichloroethane	5.49	97	179376	47.401	ug/l	93	
36) 1,1-Dichloropropene	5.80	75	144678	47.324	ug/l	92	
37) Ethyl Acetate	4.84	43	157100	49.389	ug/l #	90	
38) Carbon Tetrachloride	5.78	117	164323	47.488	ug/l	99	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	6/11/2019 11:54:03 AM
39) Methylcyclohexane	7.46	83	195463	46.954	ug/l #	82	
40) Benzene	6.14	78	474590	50.204	ug/l	99	
41) Methacrylonitrile	5.04	41	83176	48.340	ug/l #	81	
42) 1,2-Dichloroethane	6.20	62	142707	47.286	ug/l	92	
43) Isopropyl Acetate	6.45	43	261115	49.096	ug/l #	89	
44) Trichloroethene	7.21	130	138868	48.734	ug/l	87	
45) 1,2-Dichloropropane	7.51	63	118092	49.910	ug/l	98	
46) Dibromomethane	7.66	93	84591	47.721	ug/l	90	
47) Bromodichloromethane	7.90	83	160820	48.552	ug/l #	98	
48) Methyl methacrylate	7.77	41	123439	49.628	ug/l #	76	
49) 1,4-Dioxane	7.74	88	71612	1009.831	ug/l #	79	
51) 4-Methyl-2-Pentanone	8.64	43	843030	265.336	ug/l	89	
52) Toluene	8.79	92	309484	49.804	ug/l	99	
53) t-1,3-Dichloropropene	9.04	75	179565	46.868	ug/l	98	
54) cis-1,3-Dichloropropene	8.43	75	195535	47.607	ug/l #	88	
55) 1,1,2-Trichloroethane	9.21	97	129644	50.942	ug/l	95	
56) Ethyl methacrylate	9.18	69	202790	50.444	ug/l #	82	
57) 1,3-Dichloropropane	9.37	76	201468	50.284	ug/l	99	
58) 2-Chloroethyl Vinyl ether	8.31	63	459246	242.323	ug/l #	86	
59) 2-Hexanone	9.49	43	667134	263.353	ug/l	87	
60) Dibromochloromethane	9.58	129	149479	49.657	ug/l	99	
61) 1,2-Dibromoethane	9.67	107	141399	49.887	ug/l	100	
64) Tetrachloroethene	9.34	164	125356	49.072	ug/l	96	
65) Chlorobenzene	10.14	112	353082	49.738	ug/l	99	
66) 1,1,1,2-Tetrachloroethane	10.22	131	134765	49.366	ug/l	100	
67) Ethyl Benzene	10.25	91	599131	49.578	ug/l	94	
68) m/p-Xylenes	10.36	106	466889	99.840	ug/l	90	
69) o-Xylene	10.69	106	232663	50.051	ug/l	89	
70) Styrene	10.71	104	399501	50.743	ug/l	94	
71) Bromoform	10.85	173	125170	49.876	ug/l #	98	
73) Isopropylbenzene	11.02	105	605641	48.275	ug/l	95	
74) N-amyl acetate	10.90	43	243155	49.031	ug/l #	89	
75) 1,1,2,2-Tetrachloroethane	11.27	83	211927	49.349	ug/l	99	
76) 1,2,3-Trichloropropane	11.29	75	172371m	47.951	ug/l		
77) Bromobenzene	11.26	156	168110	48.728	ug/l	80	
78) n-propylbenzene	11.36	91	676018	48.402	ug/l	94	
79) 2-Chlorotoluene	11.42	91	399045	47.571	ug/l	90	
80) 1,3,5-Trimethylbenzene	11.51	105	510207	48.284	ug/l	97	
81) trans-1,4-Dichloro-2-buten	11.07	75	74995	46.094	ug/l #	84	
82) 4-Chlorotoluene	11.51	91	457680	48.030	ug/l	91	
83) tert-Butylbenzene	11.77	119	517370	48.375	ug/l	93	
84) 1,2,4-Trimethylbenzene	11.80	105	515691	48.316	ug/l	96	
85) sec-Butylbenzene	11.94	105	596750	47.893	ug/l	95	
86) p-Isopropyltoluene	12.06	119	551761	48.439	ug/l	97	
87) 1,3-Dichlorobenzene	12.02	146	297129	48.895	ug/l	98	
88) 1,4-Dichlorobenzene	12.10	146	292067	47.678	ug/l	98	
89) n-Butylbenzene	12.38	91	467905	47.721	ug/l	96	
90) Hexachloroethane	12.59	117	106895	47.109	ug/l	99	
91) 1,2-Dichlorobenzene	12.39	146	294375	49.828	ug/l	98	
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45577	45.101	ug/l	63	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	6/11/2019 11:54:03 AM
93) 1,2,4-Trichlorobenzene	13.65	180	205758	47.580	ug/l	99	
94) Hexachlorobutadiene	13.78	225	96323	50.084	ug/l	99	
95) Naphthalene	13.83	128	661067	48.562	ug/l	99	
96) 1,2,3-Trichlorobenzene	14.02	180	205002	47.945	ug/l	99	

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

