

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061319\
 Data File : VX010267.D
 Acq On : 13 Jun 2019 09:57
 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
 6/14/2019 9:17:24 AM

Quant Time: Jun 14 03:43:00 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)
1) Pentafluorobenzene	5.66	168	314620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	456846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	414308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216334	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	135644	44.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.34%	
35) Dibromofluoromethane	5.49	113	138964	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.71	98	519373	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.13	95	192032	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	144560	49.935	ug/l	99
3) Chloromethane	1.32	50	131797	45.842	ug/l	98
4) Vinyl Chloride	1.41	62	143719	53.188	ug/l	98
5) Bromomethane	1.64	94	59740	58.588	ug/l	98
6) Chloroethane	1.71	64	84348	61.914	ug/l	97
7) Trichlorofluoromethane	1.92	101	223305	55.634	ug/l	98
8) Diethyl Ether	2.19	74	77762	56.210	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	132382	47.847	ug/l	92
10) Methyl Iodide	2.51	142	190624	44.468	ug/l	97
11) Tert butyl alcohol	3.05	59	168329	223.746	ug/l	100
12) 1,1-Dichloroethene	2.37	96	126113	44.626	ug/l #	77
13) Acrolein	2.29	56	39229	285.970	ug/l	96
14) Allyl chloride	2.73	41	189086	44.327	ug/l #	88
15) Acrylonitrile	3.14	53	360238	234.266	ug/l	98
16) Acetone	2.44	43	406426	281.373	ug/l #	89
17) Carbon Disulfide	2.57	76	330670	40.496	ug/l	99
18) Methyl Acetate	2.77	43	150337	47.326	ug/l #	85
19) Methyl tert-butyl Ether	3.19	73	415500	45.765	ug/l	94
20) Methylene Chloride	2.85	84	144155	45.443	ug/l #	77
21) trans-1,2-Dichloroethene	3.16	96	135992	43.484	ug/l #	78
22) Diisopropyl ether	3.85	45	389539	47.762	ug/l #	84
23) Vinyl Acetate	3.81	43	1720378	236.450	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	224911	45.420	ug/l	96
25) 2-Butanone	4.67	43	550398	255.892	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	204084	45.176	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	162063	46.582	ug/l	79
28) Bromochloromethane	5.01	49	101737	45.842	ug/l #	49
29) Tetrahydrofuran	5.12	42	313980	232.277	ug/l #	76
30) Chloroform	5.21	83	239169	46.507	ug/l	99
31) Cyclohexane	5.57	56	206686	46.248	ug/l #	76
32) 1,1,1-Trichloroethane	5.49	97	216822	44.847	ug/l	93
36) 1,1-Dichloropropene	5.80	75	175695	47.139	ug/l	92
37) Ethyl Acetate	4.83	43	185400	47.808	ug/l #	93
38) Carbon Tetrachloride	5.78	117	199117	47.199	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	242795	47.839	ug/l #	84
40) Benzene	6.13	78	557768	48.396	ug/l	98
41) Methacrylonitrile	5.04	41	100801	48.052	ug/l #	85
42) 1,2-Dichloroethane	6.18	62	170753	46.408	ug/l	93
43) Isopropyl Acetate	6.44	43	304805	47.009	ug/l #	89
44) Trichloroethene	7.21	130	167903	48.331	ug/l	88
45) 1,2-Dichloropropane	7.51	63	143185	49.637	ug/l	96
46) Dibromomethane	7.66	93	102524	47.440	ug/l	91
47) Bromodichloromethane	7.89	83	194308	48.117	ug/l	98
48) Methyl methacrylate	7.76	41	144467	47.641	ug/l #	76
49) 1,4-Dioxane	7.74	88	80686	933.253	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	976485	252.091	ug/l	90
52) Toluene	8.78	92	366758	48.411	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	218541	46.787	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	235095	46.949	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	154817	49.898	ug/l	95
56) Ethyl methacrylate	9.18	69	239695	48.906	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	235598	48.232	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	535173	231.623	ug/l #	86
59) 2-Hexanone	9.49	43	796410	257.870	ug/l	88
60) Dibromochloromethane	9.58	129	181365	49.419	ug/l	99
61) 1,2-Dibromoethane	9.67	107	166540	48.194	ug/l	99
64) Tetrachloroethene	9.34	164	156866	50.978	ug/l	95
65) Chlorobenzene	10.13	112	425093	49.713	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	161102	48.991	ug/l	99
67) Ethyl Benzene	10.25	91	721234	49.546	ug/l	95
68) m/p-Xylenes	10.35	106	559574	99.338	ug/l	89
69) o-Xylene	10.69	106	276017	49.293	ug/l	88
70) Styrene	10.71	104	475179	50.105	ug/l	94
71) Bromoform	10.85	173	146882	48.587	ug/l #	99
73) Isopropylbenzene	11.02	105	734402	48.631	ug/l	95
74) N-amyl acetate	10.90	43	277606	46.503	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	240902	46.602	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	202632m	46.829	ug/l	
77) Bromobenzene	11.26	156	200887	48.373	ug/l	81
78) n-propylbenzene	11.36	91	829779	49.355	ug/l	95
79) 2-Chlorotoluene	11.42	91	481372	47.673	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	613395	48.225	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	89907	45.907	ug/l #	84
82) 4-Chlorotoluene	11.51	91	554614	48.352	ug/l	91
83) tert-Butylbenzene	11.77	119	624934	48.542	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	621144	48.346	ug/l	94
85) sec-Butylbenzene	11.94	105	743414	49.565	ug/l	96
86) p-Isopropyltoluene	12.06	119	686075	50.036	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	360862	49.333	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	356938	48.406	ug/l	98
89) n-Butylbenzene	12.38	91	592703	50.217	ug/l	97
90) Hexachloroethane	12.59	117	128786	47.150	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	349852	49.196	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50490	41.506	ug/l	62

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	256184	49.214	ug/l	100
94) Hexachlorobutadiene	13.78	225	124770	53.895	ug/l	99
95) Naphthalene	13.83	128	787770	48.075	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	252853	49.127	ug/l	98

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

