

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010135.D
 Acq On : 08 Jun 2019 01:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 10:53:06 AM

Quant Time: Jun 08 04:44:44 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	5.67	168	283863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	438230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	403181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200907	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	144097	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
35) Dibromofluoromethane	5.50	113	142501	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	8.71	98	543397	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	11.13	95	202083	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	138529	53.037	ug/l	99
3) Chloromethane	1.32	50	134533	51.864	ug/l	100
4) Vinyl Chloride	1.41	62	134755	55.274	ug/l	99
5) Bromomethane	1.64	94	49522	53.829	ug/l	97
6) Chloroethane	1.71	64	71001	57.763	ug/l	100
7) Trichlorofluoromethane	1.92	101	198432	54.794	ug/l	99
8) Diethyl Ether	2.19	74	66819	53.533	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119933	48.044	ug/l	91
10) Methyl Iodide	2.51	142	202234	52.288	ug/l	97
11) Tert butyl alcohol	3.05	59	192573	283.706	ug/l	98
12) 1,1-Dichloroethene	2.37	96	128036	50.216	ug/l #	76
13) Acrolein	2.29	56	30797	248.828	ug/l	99
14) Allyl chloride	2.73	41	183195	47.599	ug/l #	88
15) Acrylonitrile	3.14	53	362445	261.240	ug/l	98
16) Acetone	2.45	43	286225	219.627	ug/l #	86
17) Carbon Disulfide	2.57	76	350037	47.513	ug/l	98
18) Methyl Acetate	2.78	43	145012	50.596	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	404077	49.330	ug/l	94
20) Methylene Chloride	2.85	84	141055	49.284	ug/l #	78
21) trans-1,2-Dichloroethene	3.17	96	135109	47.883	ug/l #	77
22) Diisopropyl ether	3.85	45	376125	51.115	ug/l #	88
23) Vinyl Acetate	3.81	43	1682280	256.266	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	218779	48.968	ug/l	95
25) 2-Butanone	4.67	43	494895	255.017	ug/l #	82
26) 2,2-Dichloropropane	4.58	77	146698	35.992	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	158470	50.484	ug/l	76
28) Bromochloromethane	5.02	49	94991	47.440	ug/l #	47
29) Tetrahydrofuran	5.13	42	322569	264.487	ug/l #	76
30) Chloroform	5.21	83	233627	50.351	ug/l	99
31) Cyclohexane	5.58	56	201945	50.083	ug/l #	78
32) 1,1,1-Trichloroethane	5.49	97	211742	48.542	ug/l	93
36) 1,1-Dichloropropene	5.80	75	171199	47.884	ug/l	91
37) Ethyl Acetate	4.84	43	183708	49.384	ug/l #	90
38) Carbon Tetrachloride	5.79	117	195302	48.261	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	224172	46.046	ug/l #	84
40) Benzene	6.14	78	551107	49.849	ug/l	98
41) Methacrylonitrile	5.04	41	100038	49.714	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	170434	48.289	ug/l	93
43) Isopropyl Acetate	6.45	43	307967	49.514	ug/l #	88
44) Trichloroethene	7.21	130	170998	51.313	ug/l	86
45) 1,2-Dichloropropane	7.51	63	138819	50.168	ug/l	98
46) Dibromomethane	7.66	93	97944	47.246	ug/l	89
47) Bromodichloromethane	7.90	83	189945	49.035	ug/l	99
48) Methyl methacrylate	7.77	41	146965	50.524	ug/l #	77
49) 1,4-Dioxane	7.74	88	83686	1009.071	ug/l #	79
51) 4-Methyl-2-Pentanone	8.64	43	980797	263.960	ug/l	90
52) Toluene	8.78	92	357237	49.157	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	210157	46.904	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	224307	46.697	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	152836	51.352	ug/l	95
56) Ethyl methacrylate	9.18	69	241608	51.390	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	232207	49.557	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	542156	244.613	ug/l #	87
59) 2-Hexanone	9.49	43	762237	257.289	ug/l	87
60) Dibromochloromethane	9.58	129	177083	50.302	ug/l	100
61) 1,2-Dibromoethane	9.67	107	165705	49.989	ug/l	99
64) Tetrachloroethene	9.34	164	151700	50.659	ug/l	96
65) Chlorobenzene	10.14	112	406738	48.879	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	159771	49.927	ug/l	99
67) Ethyl Benzene	10.25	91	695271	49.081	ug/l	95
68) m/p-Xylenes	10.36	106	542183	98.907	ug/l	90
69) o-Xylene	10.69	106	265738	48.767	ug/l	90
70) Styrene	10.71	104	458601	49.691	ug/l	95
71) Bromoform	10.85	173	145154	49.341	ug/l #	98
73) Isopropylbenzene	11.02	105	698560	49.809	ug/l	95
74) N-amyl acetate	10.90	43	279973	50.501	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	237125	49.393	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	195103m	48.551	ug/l	
77) Bromobenzene	11.26	156	189898	49.238	ug/l	84
78) n-propylbenzene	11.36	91	774368	49.596	ug/l	94
79) 2-Chlorotoluene	11.42	91	462359	49.306	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	584424	49.475	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	83159	45.722	ug/l #	84
82) 4-Chlorotoluene	11.51	91	530071	49.761	ug/l	92
83) tert-Butylbenzene	11.77	119	588609	49.232	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	589756	49.428	ug/l	95
85) sec-Butylbenzene	11.94	105	686276	49.269	ug/l	96
86) p-Isopropyltoluene	12.06	119	625340	49.109	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	332097	48.886	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	329371	48.097	ug/l	98
89) n-Butylbenzene	12.38	91	532761	48.605	ug/l	97
90) Hexachloroethane	12.59	117	125203	49.358	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	326998	49.513	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53477	47.337	ug/l	67

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	228851	47.339	ug/l	99
94) Hexachlorobutadiene	13.78	225	98164	45.658	ug/l	99
95) Naphthalene	13.83	128	746204	49.035	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	230737	48.272	ug/l	100

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

