

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010194.D
 Acq On : 10 Jun 2019 22:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 11:53:48 AM

Quant Time: Jun 11 08:00:31 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	249203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182164	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119965	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	5.50	113	120583	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
50) Toluene-d8	8.71	98	458374	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.13	95	169229	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	120810	52.686	ug/l	100
3) Chloromethane	1.32	50	117570	51.628	ug/l	100
4) Vinyl Chloride	1.41	62	123059	57.497	ug/l	99
5) Bromomethane	1.64	94	49415	61.184	ug/l	99
6) Chloroethane	1.71	64	66828	61.930	ug/l	100
7) Trichlorofluoromethane	1.92	101	182309	57.344	ug/l	100
8) Diethyl Ether	2.19	74	62920	57.421	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106384	48.544	ug/l	91
10) Methyl Iodide	2.51	142	176257	51.910	ug/l	97
11) Tert butyl alcohol	3.05	59	151024	253.440	ug/l	100
12) 1,1-Dichloroethene	2.37	96	110697	49.454	ug/l #	77
13) Acrolein	2.29	56	36622	337.046	ug/l	100
14) Allyl chloride	2.73	41	158551	46.925	ug/l #	88
15) Acrylonitrile	3.14	53	314094	257.877	ug/l	98
16) Acetone	2.45	43	253438	221.516	ug/l #	87
17) Carbon Disulfide	2.57	76	299421	46.295	ug/l	99
18) Methyl Acetate	2.78	43	127652	50.734	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	355292	49.406	ug/l	95
20) Methylene Chloride	2.85	84	124266	49.456	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	118033	47.649	ug/l #	77
22) Diisopropyl ether	3.85	45	328914	50.916	ug/l #	91
23) Vinyl Acetate	3.82	43	1454549	252.393	ug/l #	86
24) 1,1-Dichloroethane	3.70	63	191428	48.806	ug/l	94
25) 2-Butanone	4.68	43	426992	250.629	ug/l #	80
26) 2,2-Dichloropropane	4.58	77	143169	40.011	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	139322	50.557	ug/l	76
28) Bromochloromethane	5.02	49	83700	47.615	ug/l #	48
29) Tetrahydrofuran	5.13	42	275374	257.194	ug/l #	74
30) Chloroform	5.21	83	202384	49.684	ug/l	100
31) Cyclohexane	5.58	56	176108	49.750	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	182705	47.711	ug/l	93
36) 1,1-Dichloropropene	5.80	75	148857	47.502	ug/l	92
37) Ethyl Acetate	4.84	43	161012	49.382	ug/l #	91
38) Carbon Tetrachloride	5.79	117	166744	47.010	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	195412	45.795	ug/l #	82
40) Benzene	6.14	78	481190	49.658	ug/l	99
41) Methacrylonitrile	5.04	41	87003	49.329	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	145616	47.071	ug/l	92
43) Isopropyl Acetate	6.45	43	265323	48.669	ug/l #	89
44) Trichloroethene	7.21	130	141884	48.576	ug/l	86
45) 1,2-Dichloropropane	7.51	63	120251	49.581	ug/l	97
46) Dibromomethane	7.66	93	85975	47.317	ug/l	90
47) Bromodichloromethane	7.90	83	162036	47.724	ug/l #	99
48) Methyl methacrylate	7.77	41	123140	48.299	ug/l #	76
49) 1,4-Dioxane	7.74	88	72633	999.208	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	848935	260.668	ug/l	89
52) Toluene	8.78	92	309409	48.575	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	179740	45.768	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	196755	46.734	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	130661	50.087	ug/l	97
56) Ethyl methacrylate	9.18	69	205981	49.986	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	200336	48.780	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	472322	243.135	ug/l #	86
59) 2-Hexanone	9.49	43	654306	251.980	ug/l	87
60) Dibromochloromethane	9.58	129	152062	49.281	ug/l	100
61) 1,2-Dibromoethane	9.67	107	140650	48.410	ug/l	100
64) Tetrachloroethene	9.34	164	128994	50.087	ug/l	95
65) Chlorobenzene	10.14	112	351747	49.149	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	133892	48.649	ug/l	99
67) Ethyl Benzene	10.25	91	596578	48.967	ug/l	95
68) m/p-Xylenes	10.36	106	464596	98.545	ug/l	89
69) o-Xylene	10.69	106	229079	48.880	ug/l	89
70) Styrene	10.71	104	395304	49.803	ug/l	94
71) Bromoform	10.85	173	126938	50.170	ug/l #	97
73) Isopropylbenzene	11.02	105	598933	47.100	ug/l	94
74) N-amyl acetate	10.90	43	241834	48.110	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	207330	47.630	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	166604m	45.725	ug/l	
77) Bromobenzene	11.26	156	169122	48.363	ug/l	79
78) n-propylbenzene	11.36	91	666481	47.079	ug/l	94
79) 2-Chlorotoluene	11.42	91	394416	46.388	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	502434	46.910	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	71580	43.405	ug/l #	83
82) 4-Chlorotoluene	11.51	91	453245	46.927	ug/l	91
83) tert-Butylbenzene	11.77	119	511812	47.213	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	512998	47.418	ug/l	95
85) sec-Butylbenzene	11.94	105	596984	47.269	ug/l	96
86) p-Isopropyltoluene	12.06	119	548279	47.487	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	294867	47.872	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	295217	47.545	ug/l	98
89) n-Butylbenzene	12.38	91	463358	46.623	ug/l	97
90) Hexachloroethane	12.59	117	105476	45.860	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	291697	48.712	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44606	43.547	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	208982	47.677	ug/l	99
94) Hexachlorobutadiene	13.78	225	94899	48.681	ug/l	100
95) Naphthalene	13.83	128	661438	47.937	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	207907	47.972	ug/l	100

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

