

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010165.D
 Acq On : 10 Jun 2019 09:47
 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
 6/11/2019 11:54:23 AM

Quant Time: Jun 11 06:52:19 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	298905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	437425	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	395980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130524	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
35) Dibromofluoromethane	5.49	113	130784	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	8.71	98	497056	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.13	95	187770	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	142786	51.916	ug/l	98
3) Chloromethane	1.32	50	131818	48.260	ug/l	98
4) Vinyl Chloride	1.41	62	133645	52.060	ug/l	99
5) Bromomethane	1.64	94	51430	53.090	ug/l	99
6) Chloroethane	1.71	64	72824	56.265	ug/l	99
7) Trichlorofluoromethane	1.92	101	206652	54.192	ug/l	99
8) Diethyl Ether	2.18	74	69383	52.790	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	124134	47.225	ug/l	92
10) Methyl Iodide	2.51	142	196164	48.166	ug/l	97
11) Tert butyl alcohol	3.05	59	161746	226.299	ug/l	99
12) 1,1-Dichloroethene	2.37	96	121384	45.211	ug/l #	80
13) Acrolein	2.29	56	37343	286.534	ug/l	92
14) Allyl chloride	2.73	41	182466	45.024	ug/l #	88
15) Acrylonitrile	3.14	53	332882	227.857	ug/l	98
16) Acetone	2.44	43	394130	287.206	ug/l	89
17) Carbon Disulfide	2.57	76	342497	44.150	ug/l	98
18) Methyl Acetate	2.77	43	133710	44.305	ug/l #	83
19) Methyl tert-butyl Ether	3.19	73	388973	45.096	ug/l	95
20) Methylene Chloride	2.85	84	138652	46.006	ug/l #	77
21) trans-1,2-Dichloroethene	3.16	96	131269	44.181	ug/l #	81
22) Diisopropyl ether	3.85	45	365334	47.150	ug/l #	83
23) Vinyl Acetate	3.81	43	1626822	235.347	ug/l #	87
24) 1,1-Dichloroethane	3.70	63	213203	45.319	ug/l	96
25) 2-Butanone	4.67	43	524728	256.783	ug/l #	81
26) 2,2-Dichloropropane	4.58	77	194355	45.285	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	152588	46.164	ug/l	79
28) Bromochloromethane	5.01	49	97432	46.211	ug/l #	47
29) Tetrahydrofuran	5.12	42	290339	226.081	ug/l #	75
30) Chloroform	5.21	83	225965	46.249	ug/l	99
31) Cyclohexane	5.57	56	204155	48.083	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	206241	44.902	ug/l	93
36) 1,1-Dichloropropene	5.79	75	170820	47.866	ug/l	92
37) Ethyl Acetate	4.82	43	172739	46.521	ug/l #	92
38) Carbon Tetrachloride	5.78	117	189846	46.999	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	236652	48.699	ug/l #	84
40) Benzene	6.14	78	531552	48.169	ug/l	98
41) Methacrylonitrile	5.04	41	93924	46.762	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	162430	46.106	ug/l	94
43) Isopropyl Acetate	6.44	43	290394	46.774	ug/l #	89
44) Trichloroethene	7.21	130	159534	47.961	ug/l	87
45) 1,2-Dichloropropane	7.51	63	132383	47.930	ug/l	98
46) Dibromomethane	7.66	93	95278	46.045	ug/l	90
47) Bromodichloromethane	7.90	83	187018	48.368	ug/l	99
48) Methyl methacrylate	7.77	41	138848	47.821	ug/l #	77
49) 1,4-Dioxane	7.74	88	79069	955.154	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	908947	245.074	ug/l	89
52) Toluene	8.78	92	347969	47.970	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	212573	47.530	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	226507	47.242	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	147082	49.509	ug/l	96
56) Ethyl methacrylate	9.18	69	227519	48.482	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	222068	47.480	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	520065	235.078	ug/l #	86
59) 2-Hexanone	9.49	43	768675	259.940	ug/l	88
60) Dibromochloromethane	9.58	129	172681	49.142	ug/l	99
61) 1,2-Dibromoethane	9.67	107	159140	48.097	ug/l	100
64) Tetrachloroethene	9.34	164	141118	47.983	ug/l	96
65) Chlorobenzene	10.13	112	400304	48.981	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	153214	48.749	ug/l	100
67) Ethyl Benzene	10.25	91	680485	48.911	ug/l	94
68) m/p-Xylenes	10.35	106	532675	98.940	ug/l	91
69) o-Xylene	10.69	106	262339	49.019	ug/l	88
70) Styrene	10.71	104	451263	49.786	ug/l	95
71) Bromoform	10.85	173	145263	50.276	ug/l #	98
73) Isopropylbenzene	11.02	105	692842	47.272	ug/l	95
74) N-amyl acetate	10.90	43	271722	46.900	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	227278	45.301	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	190495m	45.360	ug/l	
77) Bromobenzene	11.26	156	191394	47.487	ug/l	81
78) n-propylbenzene	11.36	91	788308	48.312	ug/l	94
79) 2-Chlorotoluene	11.42	91	459746	46.914	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	587155	47.563	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	87857	46.222	ug/l #	83
82) 4-Chlorotoluene	11.51	91	531893	47.779	ug/l	92
83) tert-Butylbenzene	11.77	119	595265	47.642	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	592537	47.520	ug/l	95
85) sec-Butylbenzene	11.94	105	699169	48.031	ug/l	96
86) p-Isopropyltoluene	12.06	119	646910	48.612	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	342349	48.223	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	337311	47.133	ug/l	98
89) n-Butylbenzene	12.38	91	567463	49.539	ug/l	97
90) Hexachloroethane	12.59	117	125955	47.514	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	325881	47.217	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50158	42.485	ug/l	66

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	242500	48.000	ug/l	99
94) Hexachlorobutadiene	13.78	225	113294	50.424	ug/l	100
95) Naphthalene	13.83	128	732524	46.060	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	239698	47.985	ug/l	99

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

