

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061719\
 Data File : VX010315.D
 Acq On : 17 Jun 2019 11:12
 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
 6/18/2019 11:26:19 AM

Quant Time: Jun 17 15:36:27 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	5.65	168	302765	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	437457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	399473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213371	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	133982	45.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.68%	
35) Dibromofluoromethane	5.49	113	134840	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	8.71	98	507884	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	191311	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	146234	52.491	ug/l	99
3) Chloromethane	1.32	50	131169	47.410	ug/l	99
4) Vinyl Chloride	1.41	62	142037	54.623	ug/l	100
5) Bromomethane	1.64	94	59779	60.922	ug/l	98
6) Chloroethane	1.71	64	86718	66.146	ug/l	98
7) Trichlorofluoromethane	1.93	101	234039	60.592	ug/l	100
8) Diethyl Ether	2.18	74	79601	59.792	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140377	52.723	ug/l	91
10) Methyl Iodide	2.51	142	184706	44.774	ug/l	97
11) Tert butyl alcohol	3.04	59	173745	239.988	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135621	49.870	ug/l #	78
13) Acrolein	2.29	56	33986	257.451	ug/l	99
14) Allyl chloride	2.73	41	196990	47.988	ug/l #	86
15) Acrylonitrile	3.14	53	372624	251.809	ug/l	99
16) Acetone	2.44	43	364135	261.965	ug/l #	88
17) Carbon Disulfide	2.57	76	331661	42.208	ug/l	99
18) Methyl Acetate	2.77	43	160534	52.515	ug/l #	83
19) Methyl tert-butyl Ether	3.19	73	441568	50.541	ug/l	93
20) Methylene Chloride	2.85	84	150478	49.294	ug/l #	78
21) trans-1,2-Dichloroethene	3.16	96	143764	47.769	ug/l #	78
22) Diisopropyl ether	3.85	45	414903	52.864	ug/l #	81
23) Vinyl Acetate	3.81	43	1797991	256.793	ug/l #	87
24) 1,1-Dichloroethane	3.69	63	237569	49.854	ug/l	96
25) 2-Butanone	4.67	43	535450	258.690	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	217462	50.022	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	172520	51.529	ug/l	77
28) Bromochloromethane	5.01	49	110480	51.731	ug/l #	48
29) Tetrahydrofuran	5.12	42	321387	247.067	ug/l #	75
30) Chloroform	5.21	83	255349	51.597	ug/l	98
31) Cyclohexane	5.57	56	213243	49.583	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	229585	49.347	ug/l	93
36) 1,1-Dichloropropene	5.80	75	182117	51.028	ug/l	91
37) Ethyl Acetate	4.83	43	191215	51.493	ug/l #	92
38) Carbon Tetrachloride	5.78	117	211359	52.321	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	249760	51.393	ug/l #	84
40) Benzene	6.13	78	581217	52.666	ug/l	99
41) Methacrylonitrile	5.04	41	104988	52.266	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	183138	51.980	ug/l	93
43) Isopropyl Acetate	6.44	43	323161	52.049	ug/l #	90
44) Trichloroethene	7.21	130	175658	52.805	ug/l	90
45) 1,2-Dichloropropane	7.51	63	146974	53.209	ug/l	99
46) Dibromomethane	7.66	93	106429	51.430	ug/l	90
47) Bromodichloromethane	7.89	83	205244	53.078	ug/l #	99
48) Methyl methacrylate	7.76	41	152358	52.471	ug/l #	77
49) 1,4-Dioxane	7.74	88	77476	935.842	ug/l #	80
51) 4-Methyl-2-Pentanone	8.64	43	1020434	275.113	ug/l	90
52) Toluene	8.78	92	387740	53.449	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	233841	52.282	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	249721	52.080	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	164349	55.318	ug/l	95
56) Ethyl methacrylate	9.18	69	251227	53.530	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	250199	53.491	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	554040	250.417	ug/l #	86
59) 2-Hexanone	9.49	43	807402	273.016	ug/l	88
60) Dibromochloromethane	9.58	129	193688	55.116	ug/l	100
61) 1,2-Dibromoethane	9.67	107	175809	53.131	ug/l	99
64) Tetrachloroethene	9.34	164	165274	55.705	ug/l	95
65) Chlorobenzene	10.13	112	444113	53.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	171915	54.221	ug/l	100
67) Ethyl Benzene	10.25	91	756119	53.872	ug/l	95
68) m/p-Xylenes	10.35	106	594357	109.431	ug/l	89
69) o-Xylene	10.69	106	290580	53.821	ug/l	89
70) Styrene	10.71	104	500442	54.728	ug/l	95
71) Bromoform	10.85	173	159724	54.798	ug/l #	98
73) Isopropylbenzene	11.02	105	774964	52.029	ug/l	95
74) N-amyl acetate	10.90	43	296021	50.277	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	254285	49.873	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	211950m	49.662	ug/l	
77) Bromobenzene	11.25	156	213503	52.125	ug/l	81
78) n-propylbenzene	11.36	91	877834	52.939	ug/l	94
79) 2-Chlorotoluene	11.42	91	505190	50.726	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	650665	51.865	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	93703	48.509	ug/l	84
82) 4-Chlorotoluene	11.51	91	589499	52.107	ug/l	91
83) tert-Butylbenzene	11.77	119	660473	52.015	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	657719	51.904	ug/l	96
85) sec-Butylbenzene	11.94	105	786963	53.198	ug/l	96
86) p-Isopropyltoluene	12.06	119	728824	53.892	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	385436	53.424	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	383051	52.668	ug/l	98
89) n-Butylbenzene	12.38	91	632569	54.339	ug/l	97
90) Hexachloroethane	12.60	117	135406	50.262	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	373474	53.247	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54251	45.217	ug/l	68

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	276988	53.950	ug/l	99
94) Hexachlorobutadiene	13.78	225	134949	59.101	ug/l	99
95) Naphthalene	13.83	128	826413	51.133	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	272770	53.733	ug/l	99

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

