

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051519\
 Data File : VX009593.D
 Acq On : 15 May 2019 20:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/16/2019 12:32:53 PM

Quant Time: May 16 02:31:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	147775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	238714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	219267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111531	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	96580	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	5.50	113	72213	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.71	98	281421	46.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.90%	
62) 4-Bromofluorobenzene	11.13	95	106960	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59511	43.701	ug/l	100
3) Chloromethane	1.32	50	93878	50.495	ug/l	99
4) Vinyl Chloride	1.41	62	90812	50.091	ug/l	99
5) Bromomethane	1.64	94	56232	51.677	ug/l	95
6) Chloroethane	1.71	64	58931	50.630	ug/l	99
7) Trichlorofluoromethane	1.92	101	113143	51.342	ug/l	98
8) Diethyl Ether	2.19	74	53782	51.523	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	68406	49.431	ug/l	99
10) Methyl Iodide	2.51	142	86827	53.633	ug/l	100
11) Tert butyl alcohol	3.06	59	133882	286.712	ug/l	99
12) 1,1-Dichloroethene	2.37	96	70635	50.943	ug/l	98
13) Acrolein	2.29	56	86961	205.635	ug/l	99
14) Allyl chloride	2.73	41	170637	50.499	ug/l	99
15) Acrylonitrile	3.14	53	313140	274.265	ug/l	99
16) Acetone	2.45	43	277200	255.905	ug/l	99
17) Carbon Disulfide	2.56	76	189878	48.776	ug/l	100
18) Methyl Acetate	2.78	43	145159	56.348	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	286432	53.197	ug/l	100
20) Methylene Chloride	2.85	84	87792	50.056	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	77323	51.421	ug/l	99
22) Diisopropyl ether	3.85	45	342611	52.723	ug/l	96
23) Vinyl Acetate	3.82	43	1549222	278.408	ug/l	100
24) 1,1-Dichloroethane	3.70	63	165091	51.499	ug/l	99
25) 2-Butanone	4.68	43	467321	277.625	ug/l	99
26) 2,2-Dichloropropane	4.58	77	110145	46.161	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	91842	51.169	ug/l	99
28) Bromochloromethane	5.02	49	59228	45.659	ug/l	98
29) Tetrahydrofuran	5.13	42	308643	284.940	ug/l	99
30) Chloroform	5.21	83	151299	52.184	ug/l	97
31) Cyclohexane	5.58	56	152003	50.966	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	125284	51.908	ug/l	99
36) 1,1-Dichloropropene	5.80	75	114496	51.612	ug/l	99
37) Ethyl Acetate	4.84	43	172202	55.713	ug/l	99
38) Carbon Tetrachloride	5.79	117	103719	51.459	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135882	49.876	ug/l	100
40) Benzene	6.14	78	356009	51.854	ug/l	98
41) Methacrylonitrile	5.04	41	98613	53.597	ug/l	99
42) 1,2-Dichloroethane	6.19	62	130997	53.190	ug/l	99
43) Isopropyl Acetate	6.45	43	271875	54.990	ug/l	99
44) Trichloroethene	7.21	130	83928	50.566	ug/l	100
45) 1,2-Dichloropropane	7.51	63	101971	52.453	ug/l	100
46) Dibromomethane	7.66	93	59120	52.369	ug/l	100
47) Bromodichloromethane	7.90	83	118907	52.803	ug/l	98
48) Methyl methacrylate	7.77	41	138199	56.342	ug/l	99
49) 1,4-Dioxane	7.74	88	53974	1085.042	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	935977	289.639	ug/l	99
52) Toluene	8.79	92	217792	52.186	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	136958	53.869	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	148877	52.904	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	89427	52.523	ug/l	96
56) Ethyl methacrylate	9.18	69	167611	55.148	ug/l	98
57) 1,3-Dichloropropane	9.37	76	158069	52.756	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	390575	242.242	ug/l	100
59) 2-Hexanone	9.49	43	732745	288.709	ug/l	99
60) Dibromochloromethane	9.58	129	90287	54.294	ug/l	99
61) 1,2-Dibromoethane	9.67	107	91750	53.384	ug/l	100
64) Tetrachloroethene	9.34	164	74689	49.658	ug/l	97
65) Chlorobenzene	10.14	112	227664	51.903	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	83384	52.435	ug/l	100
67) Ethyl Benzene	10.25	91	420837	52.132	ug/l	98
68) m/p-Xylenes	10.36	106	311837	105.709	ug/l	99
69) o-Xylene	10.70	106	152038	52.237	ug/l	99
70) Styrene	10.71	104	271913	53.751	ug/l	99
71) Bromoform	10.85	173	71093	55.013	ug/l #	99
73) Isopropylbenzene	11.02	105	406814	50.160	ug/l	100
74) N-amyl acetate	10.90	43	256590	54.265	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	156268	51.686	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	133963m	51.781	ug/l	
77) Bromobenzene	11.26	156	104042	51.684	ug/l	97
78) n-propylbenzene	11.36	91	470492	50.795	ug/l	100
79) 2-Chlorotoluene	11.42	91	283931	49.686	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	347235	50.847	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51737	51.168	ug/l	97
82) 4-Chlorotoluene	11.51	91	326476	50.571	ug/l	100
83) tert-Butylbenzene	11.77	119	333338	50.177	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	351187	51.234	ug/l	100
85) sec-Butylbenzene	11.94	105	395501	50.216	ug/l	100
86) p-Isopropyltoluene	12.06	119	360174	50.868	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	182010	50.719	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	181031	50.037	ug/l	99
89) n-Butylbenzene	12.38	91	325701	50.894	ug/l	100
90) Hexachloroethane	12.60	117	61938	51.346	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	182973	50.059	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36567	53.914	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128798	51.529	ug/l	98
94) Hexachlorobutadiene	13.78	225	64172	50.276	ug/l	98
95) Naphthalene	13.83	128	431364	53.045	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	129938	51.285	ug/l	100

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

