

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008649.D
 Acq On : 04 Apr 2019 20:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/5/2019 11:12:32 AM

Quant Time: Apr 05 08:48:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310578	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	125690	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	5.50	113	93697	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	8.71	98	376568	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
62) 4-Bromofluorobenzene	11.13	95	136541	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	91402	43.168	ug/l	99
3) Chloromethane	1.32	50	125936	48.481	ug/l	100
4) Vinyl Chloride	1.40	62	124775	43.593	ug/l	100
5) Bromomethane	1.64	94	48718	35.135	ug/l	100
6) Chloroethane	1.71	64	74994	47.845	ug/l	99
7) Trichlorofluoromethane	1.92	101	142289	44.971	ug/l	100
8) Diethyl Ether	2.18	74	68633	45.742	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90035	44.198	ug/l	100
10) Methyl Iodide	2.51	142	47916	27.762	ug/l	100
11) Tert butyl alcohol	3.05	59	152484	242.769	ug/l	100
12) 1,1-Dichloroethene	2.37	96	95622	44.966	ug/l	99
13) Acrolein	2.29	56	51139	164.198	ug/l	97
14) Allyl chloride	2.73	41	220043	45.200	ug/l	99
15) Acrylonitrile	3.14	53	380658	228.767	ug/l	99
16) Acetone	2.45	43	323793	209.537	ug/l	99
17) Carbon Disulfide	2.57	76	278371	45.261	ug/l	100
18) Methyl Acetate	2.78	43	165842	44.251	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	361619	47.617	ug/l	98
20) Methylene Chloride	2.85	84	113809	43.999	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99637	43.317	ug/l	97
22) Diisopropyl ether	3.85	45	431359	45.973	ug/l	93
23) Vinyl Acetate	3.81	43	1942877	238.022	ug/l	100
24) 1,1-Dichloroethane	3.70	63	212427	45.726	ug/l	99
25) 2-Butanone	4.67	43	562210	230.191	ug/l	100
26) 2,2-Dichloropropane	4.58	77	136921	41.846	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	117704	44.507	ug/l	99
28) Bromochloromethane	5.02	49	104692	54.203	ug/l	100
29) Tetrahydrofuran	5.13	42	372398	229.726	ug/l	100
30) Chloroform	5.21	83	190127	45.821	ug/l	98
31) Cyclohexane	5.58	56	203753	43.955	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	156482	46.669	ug/l	99
36) 1,1-Dichloropropene	5.80	75	149140	43.930	ug/l	99
37) Ethyl Acetate	4.84	43	213007	47.006	ug/l	99
38) Carbon Tetrachloride	5.79	117	129442	46.067	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180192	42.966	ug/l	98
40) Benzene	6.14	78	460353	45.517	ug/l	99
41) Methacrylonitrile	5.04	41	119839	46.008	ug/l	100
42) 1,2-Dichloroethane	6.20	62	162790	44.897	ug/l	100
43) Isopropyl Acetate	6.45	43	341916	48.166	ug/l	100
44) Trichloroethene	7.21	130	105452	44.767	ug/l	99
45) 1,2-Dichloropropane	7.51	63	130540	45.220	ug/l	99
46) Dibromomethane	7.66	93	74643	44.582	ug/l	99
47) Bromodichloromethane	7.90	83	147604	46.757	ug/l	99
48) Methyl methacrylate	7.77	41	171519	47.766	ug/l	100
49) 1,4-Dioxane	7.74	88	62076	922.834	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1113965	243.775	ug/l	100
52) Toluene	8.79	92	277022	46.459	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	169560	47.950	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	189206	46.826	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	112052	46.816	ug/l	99
56) Ethyl methacrylate	9.18	69	214152	49.452	ug/l	99
57) 1,3-Dichloropropane	9.37	76	199662	46.456	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	532686	240.898	ug/l	99
59) 2-Hexanone	9.49	43	846117	238.256	ug/l	100
60) Dibromochloromethane	9.58	129	109168	48.403	ug/l	99
61) 1,2-Dibromoethane	9.67	107	115488	46.349	ug/l	98
64) Tetrachloroethene	9.34	164	91600	44.144	ug/l	98
65) Chlorobenzene	10.14	112	280562	45.192	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	100284	46.045	ug/l	99
67) Ethyl Benzene	10.25	91	528055	45.615	ug/l	100
68) m/p-Xylenes	10.36	106	379009	91.057	ug/l	100
69) o-Xylene	10.69	106	186584	46.255	ug/l	98
70) Styrene	10.71	104	324204	46.626	ug/l	100
71) Bromoform	10.85	173	81272	48.858	ug/l #	98
73) Isopropylbenzene	11.02	105	488692	46.473	ug/l	100
74) N-amyl acetate	10.90	43	299478	48.406	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	185794	46.457	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	159636m	45.797	ug/l	
77) Bromobenzene	11.26	156	118525	46.886	ug/l	99
78) n-propylbenzene	11.36	91	568098	46.398	ug/l	99
79) 2-Chlorotoluene	11.42	91	339059	45.760	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	411515	46.620	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	60682	47.988	ug/l	99
82) 4-Chlorotoluene	11.51	91	389276	45.387	ug/l	99
83) tert-Butylbenzene	11.77	119	395467	46.568	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	416804	46.634	ug/l	100
85) sec-Butylbenzene	11.94	105	469566	46.551	ug/l	99
86) p-Isopropyltoluene	12.06	119	424127	46.846	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	205527	45.414	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	204864	44.704	ug/l	100
89) n-Butylbenzene	12.38	91	392512	46.228	ug/l	99
90) Hexachloroethane	12.60	117	73052	48.648	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	205411	45.714	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40712	46.276	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	142379	45.573	ug/l	98
94) Hexachlorobutadiene	13.78	225	69438	46.344	ug/l	99
95) Naphthalene	13.83	128	493388	47.251	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	142485	45.646	ug/l	99

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

