

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122118\
 Data File : VX006737.D
 Acq On : 21 Dec 2018 21:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/22/2018 11:15:30 AM

Quant Time: Dec 22 04:50:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	549136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	858548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	759877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	386906	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	301134	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	5.51	113	276940	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.71	98	995772	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.14	95	349276	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	219797	43.753	ug/l	97
3) Chloromethane	1.33	50	229880	42.474	ug/l	99
4) Vinyl Chloride	1.41	62	266669	47.177	ug/l	99
5) Bromomethane	1.64	94	252596	47.802	ug/l	97
6) Chloroethane	1.71	64	179066	45.751	ug/l	100
7) Trichlorofluoromethane	1.93	101	449078	50.957	ug/l	95
8) Diethyl Ether	2.19	74	178271	50.930	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	256159	49.505	ug/l	99
10) Methyl Iodide	2.51	142	368984	49.816	ug/l	99
11) Tert butyl alcohol	3.09	59	369315	279.612	ug/l	100
12) 1,1-Dichloroethene	2.37	96	246610	50.263	ug/l	98
13) Acrolein	2.30	56	224680	252.158	ug/l	98
14) Allyl chloride	2.73	41	421127	50.993	ug/l	99
15) Acrylonitrile	3.15	53	825492	281.486	ug/l	100
16) Acetone	2.45	43	702569	258.385	ug/l	100
17) Carbon Disulfide	2.57	76	563106	43.369	ug/l	99
18) Methyl Acetate	2.78	43	482182	60.308	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	888360	54.553	ug/l	99
20) Methylene Chloride	2.85	84	275250	48.954	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	265544	48.847	ug/l	98
22) Diisopropyl ether	3.87	45	798484	52.850	ug/l	96
23) Vinyl Acetate	3.82	43	3281932	265.564	ug/l	99
24) 1,1-Dichloroethane	3.70	63	449376	49.825	ug/l	99
25) 2-Butanone	4.71	43	1037666	271.305	ug/l	100
26) 2,2-Dichloropropane	4.59	77	272363	39.094	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	307804	51.319	ug/l	97
28) Bromochloromethane	5.02	49	207527	54.761	ug/l	98
29) Tetrahydrofuran	5.16	42	714688	283.710	ug/l	99
30) Chloroform	5.22	83	485040	51.933	ug/l	100
31) Cyclohexane	5.57	56	399966	48.814	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	406128	51.497	ug/l	98
36) 1,1-Dichloropropene	5.80	75	349820	49.196	ug/l	99
37) Ethyl Acetate	4.86	43	398785	53.883	ug/l	99
38) Carbon Tetrachloride	5.78	117	349155	50.525	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	427535	45.670	ug/l	99
40) Benzene	6.15	78	1086650	50.274	ug/l	97
41) Methacrylonitrile	5.06	41	215989	54.968	ug/l	98
42) 1,2-Dichloroethane	6.20	62	373062	50.652	ug/l	99
43) Isopropyl Acetate	6.46	43	612303	54.374	ug/l	99
44) Trichloroethene	7.21	130	315633	48.247	ug/l	96
45) 1,2-Dichloropropane	7.52	63	272257	51.761	ug/l	100
46) Dibromomethane	7.66	93	194503	50.274	ug/l	99
47) Bromodichloromethane	7.90	83	332933	51.833	ug/l	97
48) Methyl methacrylate	7.77	41	312344	54.543	ug/l	99
49) 1,4-Dioxane	7.76	88	162194	1084.183	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1968209	274.697	ug/l	99
52) Toluene	8.79	92	686785	49.183	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	346189	50.254	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	399867	52.901	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	293349	51.324	ug/l	98
56) Ethyl methacrylate	9.18	69	418053	51.750	ug/l	98
57) 1,3-Dichloropropane	9.37	76	463786	50.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1075215	250.390	ug/l	100
59) 2-Hexanone	9.49	43	1514832	276.324	ug/l	99
60) Dibromochloromethane	9.59	129	285207	47.817	ug/l	99
61) 1,2-Dibromoethane	9.67	107	315786	51.974	ug/l	100
64) Tetrachloroethene	9.34	164	291903	48.513	ug/l	98
65) Chlorobenzene	10.14	112	788210	49.031	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	278318	55.490	ug/l	99
67) Ethyl Benzene	10.25	91	1303986	49.640	ug/l	99
68) m/p-Xylenes	10.36	106	1023933	98.781	ug/l	100
69) o-Xylene	10.70	106	506972	49.529	ug/l	99
70) Styrene	10.71	104	813657	50.245	ug/l	99
71) Bromoform	10.86	173	205568	45.845	ug/l	100
73) Isopropylbenzene	11.02	105	1336889	50.508	ug/l	99
74) N-amyl acetate	10.90	43	535660	56.538	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	438846	55.748	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	394320m	54.840	ug/l	
77) Bromobenzene	11.26	156	356307	49.791	ug/l	99
78) n-propylbenzene	11.36	91	1482880	50.875	ug/l	99
79) 2-Chlorotoluene	11.42	91	864438	48.938	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1106901	50.772	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	101142	43.417	ug/l	95
82) 4-Chlorotoluene	11.51	91	1008309	49.765	ug/l	100
83) tert-Butylbenzene	11.77	119	1135417	52.036	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1133919	49.448	ug/l	100
85) sec-Butylbenzene	11.94	105	1348847	50.419	ug/l	99
86) p-Isopropyltoluene	12.07	119	1203150	51.162	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	638374	49.498	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	641281	48.504	ug/l	99
89) n-Butylbenzene	12.39	91	1014533	50.692	ug/l	99
90) Hexachloroethane	12.60	117	173258	47.268	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	637809	49.437	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	90366	55.480	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	457129	51.367	ug/l	99
94) Hexachlorobutadiene	13.79	225	205679	49.034	ug/l	97
95) Naphthalene	13.83	128	1501768	52.873	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	464382	50.540	ug/l	98

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

