

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100918\
 Data File : VX005205.D
 Acq On : 10 Oct 2018 12:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:02:12 PM

Quant Time: Oct 10 15:55:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	370304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	127441	34.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.70%	
35) Dibromofluoromethane	5.50	113	104638	33.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.68%	
50) Toluene-d8	8.72	98	385368	36.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.88%	
62) 4-Bromofluorobenzene	11.14	95	148680	39.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	143843	41.206	ug/l	98
3) Chloromethane	1.32	50	160008	37.780	ug/l	100
4) Vinyl Chloride	1.40	62	156065	39.289	ug/l	99
5) Bromomethane	1.64	94	86156	36.576	ug/l	95
6) Chloroethane	1.71	64	93401	42.811	ug/l	96
7) Trichlorofluoromethane	1.92	101	204141	41.512	ug/l	93
8) Diethyl Ether	2.19	74	79963	37.430	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	109430	39.065	ug/l	99
10) Methyl Iodide	2.51	142	135383	36.117	ug/l	92
11) Tert butyl alcohol	3.09	59	200131	195.702	ug/l	100
12) 1,1-Dichloroethene	2.37	96	106104	38.247	ug/l	96
13) Acrolein	2.29	56	125525	172.520	ug/l	90
14) Allyl chloride	2.72	41	237731	39.275	ug/l	95
15) Acrylonitrile	3.15	53	436545	193.917	ug/l	96
16) Acetone	2.45	43	396234	185.570	ug/l	93
17) Carbon Disulfide	2.56	76	315460	37.843	ug/l	100
18) Methyl Acetate	2.78	43	223742	41.358	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	382181	39.940	ug/l	96
20) Methylene Chloride	2.85	84	123195	39.506	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	114566	37.726	ug/l	85
22) Diisopropyl ether	3.87	45	382210	37.499	ug/l	98
23) Vinyl Acetate	3.82	43	1722353	184.606	ug/l	99
24) 1,1-Dichloroethane	3.69	63	230005	37.830	ug/l	100
25) 2-Butanone	4.71	43	576380	183.129	ug/l	97
26) 2,2-Dichloropropane	4.58	77	149507	35.312	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	120703	35.579	ug/l	95
28) Bromochloromethane	5.02	49	93040	32.496	ug/l	99
29) Tetrahydrofuran	5.16	42	373394	190.875	ug/l	98
30) Chloroform	5.21	83	206499	35.937	ug/l	98
31) Cyclohexane	5.57	56	184946	39.744	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	177982	37.927	ug/l	96
36) 1,1-Dichloropropene	5.79	75	152584	35.635	ug/l	95
37) Ethyl Acetate	4.86	43	198205	34.872	ug/l	98
38) Carbon Tetrachloride	5.78	117	159465	35.428	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177583	40.615	ug/l	86
40) Benzene	6.14	78	460504	34.352	ug/l	95
41) Methacrylonitrile	5.06	41	111718	35.442	ug/l	98
42) 1,2-Dichloroethane	6.20	62	166541	35.143	ug/l	97
43) Isopropyl Acetate	6.46	43	291788	35.568	ug/l	96
44) Trichloroethene	7.21	130	123918	37.603	ug/l	99
45) 1,2-Dichloropropane	7.52	63	124705	37.934	ug/l	99
46) Dibromomethane	7.66	93	80387	38.909	ug/l	100
47) Bromodichloromethane	7.90	83	154641	39.978	ug/l	99
48) Methyl methacrylate	7.78	41	156729	42.091	ug/l	99
49) 1,4-Dioxane	7.76	88	74249	802.627	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1076380	208.381	ug/l	99
52) Toluene	8.79	92	288449	39.159	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	170059	38.905	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	186799	40.800	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	120291	37.282	ug/l	97
56) Ethyl methacrylate	9.18	69	186243	36.397	ug/l	97
57) 1,3-Dichloropropane	9.37	76	202063	37.628	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	493858	181.760	ug/l	99
59) 2-Hexanone	9.50	43	864837	200.917	ug/l	95
60) Dibromochloromethane	9.59	129	126565	39.223	ug/l	99
61) 1,2-Dibromoethane	9.68	107	125804	36.407	ug/l	96
64) Tetrachloroethene	9.34	164	127072	36.622	ug/l	96
65) Chlorobenzene	10.14	112	324419	35.886	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	119044	37.457	ug/l	99
67) Ethyl Benzene	10.26	91	557850	38.868	ug/l	97
68) m/p-Xylenes	10.36	106	437363	77.981	ug/l	95
69) o-Xylene	10.70	106	210603	40.882	ug/l	99
70) Styrene	10.71	104	358549	37.762	ug/l	100
71) Bromoform	10.86	173	105754	38.867	ug/l	97
73) Isopropylbenzene	11.02	105	569757	45.029	ug/l	100
74) N-amyl acetate	10.90	43	267443	38.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	200769	38.980	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	186357m	41.419	ug/l	
77) Bromobenzene	11.26	156	152651	41.536	ug/l	99
78) n-propylbenzene	11.36	91	658061	45.328	ug/l	100
79) 2-Chlorotoluene	11.42	91	389380	43.029	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	490657	42.279	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57426	35.414	ug/l	100
82) 4-Chlorotoluene	11.51	91	463196	43.487	ug/l	100
83) tert-Butylbenzene	11.77	119	478632	45.945	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	505085	42.202	ug/l	99
85) sec-Butylbenzene	11.94	105	582379	45.896	ug/l	99
86) p-Isopropyltoluene	12.07	119	524812	45.651	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	283501	41.311	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288441	40.716	ug/l	100
89) n-Butylbenzene	12.39	91	465511	44.586	ug/l	100
90) Hexachloroethane	12.60	117	84917	44.364	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	291007	40.577	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50243	44.427	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	218133	43.359	ug/l	100
94) Hexachlorobutadiene	13.79	225	108675	41.658	ug/l	100
95) Naphthalene	13.83	128	684856	41.144	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	223885	43.080	ug/l	100

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

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