

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100518\
 Data File : VX005092.D
 Acq On : 06 Oct 2018 03:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:02:42 PM

Quant Time: Oct 06 06:56:10 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	215843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	302344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178893	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	147183	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
35) Dibromofluoromethane	5.49	113	126926	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
50) Toluene-d8	8.72	98	430745	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	164779	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	148448	50.442	ug/l	95
3) Chloromethane	1.32	50	173686	48.645	ug/l	99
4) Vinyl Chloride	1.40	62	163141	48.716	ug/l	100
5) Bromomethane	1.64	94	117921	59.382	ug/l	97
6) Chloroethane	1.71	64	96474	53.002	ug/l	97
7) Trichlorofluoromethane	1.92	101	214109	51.645	ug/l	94
8) Diethyl Ether	2.19	74	89705	49.807	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	122696	51.956	ug/l	98
10) Methyl Iodide	2.51	142	143497	45.409	ug/l	93
11) Tert butyl alcohol	3.09	59	230215	267.032	ug/l	98
12) 1,1-Dichloroethene	2.37	96	118564	50.696	ug/l #	78
13) Acrolein	2.29	56	68656	111.927	ug/l	89
14) Allyl chloride	2.73	41	268826	52.681	ug/l	96
15) Acrylonitrile	3.15	53	507694	267.508	ug/l	99
16) Acetone	2.45	43	454870	252.691	ug/l	90
17) Carbon Disulfide	2.57	76	308017	43.830	ug/l	100
18) Methyl Acetate	2.78	43	290168	63.623	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	437950	54.288	ug/l	93
20) Methylene Chloride	2.85	84	139688	53.429	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	124461	48.614	ug/l	92
22) Diisopropyl ether	3.88	45	482421	56.142	ug/l	92
23) Vinyl Acetate	3.82	43	2102325	267.283	ug/l	97
24) 1,1-Dichloroethane	3.70	63	268637	52.409	ug/l	99
25) 2-Butanone	4.70	43	683183	257.474	ug/l	98
26) 2,2-Dichloropropane	4.58	77	136189	38.155	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	146178	51.110	ug/l	99
28) Bromochloromethane	5.01	49	124981	51.778	ug/l	97
29) Tetrahydrofuran	5.17	42	450895	273.405	ug/l	100
30) Chloroform	5.21	83	258419	53.345	ug/l	96
31) Cyclohexane	5.58	56	218354	55.659	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	205546	51.955	ug/l	98
36) 1,1-Dichloropropene	5.79	75	177193	50.683	ug/l	93
37) Ethyl Acetate	4.86	43	249001	53.656	ug/l	99
38) Carbon Tetrachloride	5.78	117	173028	47.082	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190047	53.236	ug/l	86
40) Benzene	6.15	78	537138	49.076	ug/l	94
41) Methacrylonitrile	5.06	41	139247	54.105	ug/l	97
42) 1,2-Dichloroethane	6.20	62	192674	49.797	ug/l	98
43) Isopropyl Acetate	6.46	43	359883	53.729	ug/l	98
44) Trichloroethene	7.21	130	135423	50.331	ug/l	97
45) 1,2-Dichloropropane	7.52	63	141784	52.824	ug/l	92
46) Dibromomethane	7.66	93	87418	51.823	ug/l	99
47) Bromodichloromethane	7.90	83	170808	54.084	ug/l	98
48) Methyl methacrylate	7.78	41	174736	57.475	ug/l	99
49) 1,4-Dioxane	7.76	88	78836	1043.770	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1204394	285.574	ug/l	100
52) Toluene	8.79	92	314123	52.231	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	181388	50.824	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	196989	52.697	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	133062	50.509	ug/l	95
56) Ethyl methacrylate	9.18	69	209526	49.069	ug/l	98
57) 1,3-Dichloropropane	9.37	76	223175	50.901	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	590422	259.532	ug/l	100
59) 2-Hexanone	9.50	43	962519	273.872	ug/l	95
60) Dibromochloromethane	9.59	129	138069	52.406	ug/l	98
61) 1,2-Dibromoethane	9.67	107	138116	48.954	ug/l	96
64) Tetrachloroethene	9.34	164	141941	50.420	ug/l	96
65) Chlorobenzene	10.14	112	355877	48.520	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	132161	51.254	ug/l	99
67) Ethyl Benzene	10.26	91	605649	52.011	ug/l	96
68) m/p-Xylenes	10.36	106	473993	104.165	ug/l	96
69) o-Xylene	10.70	106	228504	54.672	ug/l	99
70) Styrene	10.71	104	388747	49.743	ug/l	100
71) Bromoform	10.86	173	114606	51.915	ug/l	97
73) Isopropylbenzene	11.02	105	620595	55.037	ug/l	99
74) N-amyl acetate	10.90	43	302612	48.867	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	223731	48.743	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	204528m	51.009	ug/l	
77) Bromobenzene	11.26	156	166587	50.864	ug/l	100
78) n-propylbenzene	11.36	91	715448	55.299	ug/l	99
79) 2-Chlorotoluene	11.42	91	429728	53.288	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	527952	51.089	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	58170	39.982	ug/l	100
82) 4-Chlorotoluene	11.51	91	507224	53.437	ug/l	99
83) tert-Butylbenzene	11.77	119	527905	56.863	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	547330	51.360	ug/l	100
85) sec-Butylbenzene	11.94	105	635788	56.225	ug/l	100
86) p-Isopropyltoluene	12.07	119	567369	55.380	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	309595	50.623	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	314022	49.741	ug/l	99
89) n-Butylbenzene	12.39	91	502254	53.980	ug/l	100
90) Hexachloroethane	12.60	117	89025	52.190	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	317558	49.687	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54281	53.859	ug/l	99

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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	238016	53.090	ug/l	100
94) Hexachlorobutadiene	13.79	225	119299	51.315	ug/l	99
95) Naphthalene	13.83	128	757876	50.918	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	246595	53.245	ug/l	99

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

