

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005184.D
 Acq On : 10 Oct 2018 03:25
 Operator : JC/MD
 Sample : VX1009WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/11/2018 5:31:52 PM

Quant Time: Oct 10 08:16:24 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	199128	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	280447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	273304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169962	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	143056	50.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.58%	
35) Dibromofluoromethane	5.50	113	112654	47.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.80%	
50) Toluene-d8	8.72	98	418167	52.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.84%	
62) 4-Bromofluorobenzene	11.14	95	154728	54.35	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	65668	24.187	ug/l	96
3) Chloromethane	1.32	50	74966	22.758	ug/l	100
4) Vinyl Chloride	1.40	62	72853	23.581	ug/l	100
5) Bromomethane	1.64	94	42439	23.165	ug/l	94
6) Chloroethane	1.71	64	42968	24.325	ug/l	100
7) Trichlorofluoromethane	1.93	101	93814	24.528	ug/l	93
8) Diethyl Ether	2.19	74	36019	21.678	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49485	22.713	ug/l	99
10) Methyl Iodide	2.51	142	53234	18.260	ug/l	91
11) Tert butyl alcohol	3.07	59	95705	120.329	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49000	22.710	ug/l	94
13) Acrolein	2.29	56	53114	93.858	ug/l	93
14) Allyl chloride	2.73	41	105437	22.397	ug/l	95
15) Acrylonitrile	3.15	53	202332	115.559	ug/l	97
16) Acetone	2.45	43	189343	114.014	ug/l	95
17) Carbon Disulfide	2.57	76	145467	22.437	ug/l	99
18) Methyl Acetate	2.78	43	107208	25.480	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	174964	23.509	ug/l	96
20) Methylene Chloride	2.85	84	57780	23.485	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	53226	22.535	ug/l #	81
22) Diisopropyl ether	3.87	45	177806	22.429	ug/l	98
23) Vinyl Acetate	3.82	43	789085	108.743	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104976	22.199	ug/l	100
25) 2-Butanone	4.71	43	266511	108.872	ug/l	92
26) 2,2-Dichloropropane	4.58	77	44767	13.595	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	56407	21.378	ug/l	97
28) Bromochloromethane	5.02	49	42638	19.147	ug/l	99
29) Tetrahydrofuran	5.17	42	173059	113.744	ug/l	97
30) Chloroform	5.22	83	97591	21.836	ug/l	98
31) Cyclohexane	5.57	56	82031	22.665	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	82186	22.517	ug/l	97
36) 1,1-Dichloropropene	5.80	75	70182	21.642	ug/l	92
37) Ethyl Acetate	4.86	43	94790	22.021	ug/l	98
38) Carbon Tetrachloride	5.78	117	71981	21.116	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75595	22.829	ug/l	87
40) Benzene	6.15	78	210867	20.770	ug/l	95
41) Methacrylonitrile	5.07	41	51477	21.563	ug/l	96
42) 1,2-Dichloroethane	6.20	62	77988	21.730	ug/l	97
43) Isopropyl Acetate	6.46	43	130638	21.026	ug/l	97
44) Trichloroethene	7.21	130	56213	22.523	ug/l	96
45) 1,2-Dichloropropane	7.52	63	57386	23.049	ug/l	96
46) Dibromomethane	7.66	93	36577	23.377	ug/l	100
47) Bromodichloromethane	7.90	83	69788	23.823	ug/l	100
48) Methyl methacrylate	7.78	41	69991	24.819	ug/l	99
49) 1,4-Dioxane	7.76	88	32290	460.892	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	483151	123.505	ug/l	98
52) Toluene	8.79	92	132617	23.772	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	69089	20.870	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	76800	22.149	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	55280	22.622	ug/l	96
56) Ethyl methacrylate	9.18	69	78680	21.568	ug/l	99
57) 1,3-Dichloropropane	9.37	76	90555	22.266	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	198573	103.180	ug/l	99
59) 2-Hexanone	9.50	43	378892	116.226	ug/l	95
60) Dibromochloromethane	9.59	129	55151	22.568	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57436	21.947	ug/l	96
64) Tetrachloroethene	9.34	164	60771	22.592	ug/l	97
65) Chlorobenzene	10.14	112	148323	21.164	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	52441	21.284	ug/l	100
67) Ethyl Benzene	10.26	91	243457	21.881	ug/l	95
68) m/p-Xylenes	10.36	106	190667	43.852	ug/l	94
69) o-Xylene	10.70	106	90022	22.542	ug/l	99
70) Styrene	10.71	104	152776	21.719	ug/l	99
71) Bromoform	10.86	173	44491	21.092	ug/l	97
73) Isopropylbenzene	11.02	105	249430	23.283	ug/l	99
74) N-amyl acetate	10.90	43	113414	20.335	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	88234	20.233	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	81169m	21.307	ug/l	
77) Bromobenzene	11.26	156	67835	21.800	ug/l	100
78) n-propylbenzene	11.36	91	285752	23.247	ug/l	99
79) 2-Chlorotoluene	11.42	91	173459	22.640	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	212946	21.575	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20177	15.859	ug/l	94
82) 4-Chlorotoluene	11.51	91	203676	22.585	ug/l	100
83) tert-Butylbenzene	11.77	119	203789	23.105	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	220007	21.615	ug/l	100
85) sec-Butylbenzene	11.94	105	252177	23.473	ug/l	99
86) p-Isopropyltoluene	12.07	119	223206	22.932	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	124473	21.423	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	126247	21.048	ug/l	98
89) n-Butylbenzene	12.39	91	189474	21.434	ug/l	99
90) Hexachloroethane	12.60	117	35493	21.901	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	126215	20.786	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21081	22.016	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90542	21.257	ug/l	98
94) Hexachlorobutadiene	13.79	225	46097	20.870	ug/l	99
95) Naphthalene	13.83	128	278696	20.149	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96420	21.913	ug/l	98

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

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