

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042919\
 Data File : VX009200.D
 Acq On : 29 Apr 2019 11:47
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:03:18 AM

Quant Time: Apr 30 07:00:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 06:38:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	198214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	313731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	1909	0.868	ug/l	90
3) Chloromethane	1.32	50	2852	1.030	ug/l	95
4) Vinyl Chloride	1.40	62	2541	0.945	ug/l	94
6) Chloroethane	1.72	64	1732	1.086	ug/l	98
7) Trichlorofluoromethane	1.93	101	3216	1.019	ug/l	91
8) Diethyl Ether	2.18	74	1596	1.098	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1911	0.945	ug/l	96
12) 1,1-Dichloroethene	2.37	96	1868	0.888	ug/l	91
14) Allyl chloride	2.73	41	5143	1.115	ug/l	93
15) Acrylonitrile	3.14	53	8434	5.383	ug/l	98
16) Acetone	2.44	43	8235	5.700	ug/l	99
17) Carbon Disulfide	2.57	76	5685	0.877	ug/l #	95
18) Methyl Acetate	2.77	43	3808	1.054	ug/l	92
19) Methyl tert-butyl Ether	3.19	73	7628	1.011	ug/l	94
20) Methylene Chloride	2.85	84	2873	1.160	ug/l #	85
21) trans-1,2-Dichloroethene	3.16	96	2175	0.968	ug/l	84
22) Diisopropyl ether	3.85	45	9390	1.044	ug/l	94
23) Vinyl Acetate	3.81	43	36065	4.585	ug/l	99
24) 1,1-Dichloroethane	3.69	63	4676	1.038	ug/l #	96
25) 2-Butanone	4.67	43	11305	4.902	ug/l #	90
26) 2,2-Dichloropropane	4.57	77	3399	1.006	ug/l #	74
27) cis-1,2-Dichloroethene	4.59	96	2581	1.008	ug/l	94
28) Bromochloromethane	5.02	49	2407	1.136	ug/l #	96
29) Tetrahydrofuran	5.13	42	7414	4.808	ug/l	94
30) Chloroform	5.20	83	4101	1.016	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	3514	1.052	ug/l #	49
36) 1,1-Dichloropropene	5.79	75	3176	0.988	ug/l	92
37) Ethyl Acetate	4.83	43	4190	1.013	ug/l #	94
38) Carbon Tetrachloride	5.78	117	2841	1.038	ug/l #	87
39) Methylcyclohexane	7.46	83	3811	0.975	ug/l	97
40) Benzene	6.13	78	9742	1.024	ug/l	98
41) Methacrylonitrile	5.04	41	2866	1.200	ug/l #	95
42) 1,2-Dichloroethane	6.20	62	3673	1.089	ug/l	89
43) Isopropyl Acetate	6.44	43	6638	0.992	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	2502	1.075	ug/l	82
45) 1,2-Dichloropropane	7.51	63	2761	1.044	ug/l	99
46) Dibromomethane	7.66	93	1694	1.102	ug/l	99
47) Bromodichloromethane	7.90	83	3173	1.050	ug/l	87
48) Methyl methacrylate	7.77	41	3224	0.975	ug/l	98
49) 1,4-Dioxane	7.74	88	1472	23.281	ug/l #	84
51) 4-Methyl-2-Pentanone	8.64	43	20967	4.899	ug/l	99
52) Toluene	8.79	92	5965	1.044	ug/l	93
53) t-1,3-Dichloropropene	9.04	75	3082	0.891	ug/l #	81
54) cis-1,3-Dichloropropene	8.44	75	3672	0.945	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	2307	1.016	ug/l #	88
56) Ethyl methacrylate	9.18	69	3805	0.935	ug/l #	90
57) 1,3-Dichloropropane	9.37	76	4248	1.054	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	10268	4.674	ug/l	98
59) 2-Hexanone	9.49	43	16600	5.005	ug/l	94
60) Dibromochloromethane	9.58	129	2116	0.972	ug/l	96
61) 1,2-Dibromoethane	9.67	107	2387	1.023	ug/l	98
64) Tetrachloroethene	9.33	164	2198	1.044	ug/l	91
65) Chlorobenzene	10.13	112	5914	1.001	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	2102	1.011	ug/l #	65
67) Ethyl Benzene	10.25	91	10910	1.012	ug/l	98
68) m/p-Xylenes	10.35	106	7726	1.965	ug/l	98
69) o-Xylene	10.69	106	3847	1.006	ug/l	96
70) Styrene	10.71	104	6512	0.980	ug/l	99
71) Bromoform	10.85	173	1662	1.001	ug/l #	92
73) Isopropylbenzene	11.02	105	10229	1.069	ug/l	100
74) N-amyl acetate	10.90	43	5559	1.006	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	3831	1.089	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	3326m	1.076	ug/l	
77) Bromobenzene	11.26	156	2490	1.031	ug/l	90
78) n-propylbenzene	11.36	91	11088	1.011	ug/l	100
79) 2-Chlorotoluene	11.42	91	7541	1.138	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	8193	1.019	ug/l	97
82) 4-Chlorotoluene	11.51	91	8113	1.055	ug/l	97
83) tert-Butylbenzene	11.77	119	8172	1.056	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	8194	1.001	ug/l	98
85) sec-Butylbenzene	11.94	105	9504	1.032	ug/l	100
86) p-Isopropyltoluene	12.06	119	8141	0.962	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	4457	1.050	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	4540m	1.054	ug/l	
89) n-Butylbenzene	12.38	91	7326	0.935	ug/l	100
90) Hexachloroethane	12.60	117	1410	1.009	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	4814	1.143	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	765	0.951	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	2929	0.968	ug/l	98
94) Hexachlorobutadiene	13.78	225	1639	1.086	ug/l	94
95) Naphthalene	13.83	128	9215	0.947	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	3043	1.015	ug/l	94

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

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