

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007332.D
 Acq On : 01 Feb 2019 12:41
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:37:07 AM

Quant Time: Feb 02 01:35:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 00:12:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	484122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	715508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	636667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	308780	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	4730	0.876 ug/l	99
3) Chloromethane	1.33	50	6792	1.246 ug/l	96
4) Vinyl Chloride	1.41	62	5458	1.020 ug/l	96
5) Bromomethane	1.64	94	9845	1.617 ug/l	97
6) Chloroethane	1.73	64	3282	0.948 ug/l #	84
7) Trichlorofluoromethane	1.93	101	9096	1.087 ug/l	86
8) Diethyl Ether	2.19	74	3676	1.167 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	6122	1.230 ug/l	91
12) 1,1-Dichloroethene	2.38	96	5724	1.238 ug/l #	71
14) Allyl chloride	2.73	41	7896	1.048 ug/l	89
15) Acrylonitrile	3.15	53	15803	6.007 ug/l	94
16) Acetone	2.45	43	14524	6.170 ug/l	90
17) Carbon Disulfide	2.57	76	16248	1.332 ug/l #	93
18) Methyl Acetate	2.78	43	8689	1.305 ug/l #	87
19) Methyl tert-butyl Ether	3.21	73	16880	1.127 ug/l	99
20) Methylene Chloride	2.86	84	7167	1.347 ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	6049	1.228 ug/l	93
22) Diisopropyl ether	3.87	45	14696	1.061 ug/l	97
23) Vinyl Acetate	3.82	43	57283	4.983 ug/l	98
24) 1,1-Dichloroethane	3.70	63	9146	1.150 ug/l #	94
25) 2-Butanone	4.70	43	20491	6.117 ug/l	97
26) 2,2-Dichloropropane	4.59	77	6244	1.031 ug/l	87
27) cis-1,2-Dichloroethene	4.59	96	6866	1.277 ug/l	98
28) Bromochloromethane	5.02	49	4397	1.202 ug/l #	88
29) Tetrahydrofuran	5.17	42	12156	5.770 ug/l	97
30) Chloroform	5.21	83	9246	1.114 ug/l	93
31) Cyclohexane	5.57	56	7864	1.101 ug/l #	85
32) 1,1,1-Trichloroethane	5.49	97	7283	1.039 ug/l #	46
36) 1,1-Dichloropropene	5.80	75	7701	1.200 ug/l	98
37) Ethyl Acetate	4.86	43	8322	1.282 ug/l #	76
38) Carbon Tetrachloride	5.78	117	6249	1.003 ug/l	87
39) Methylcyclohexane	7.46	83	8384	1.079 ug/l	92
40) Benzene	6.15	78	21407	1.132 ug/l #	89
41) Methacrylonitrile	5.07	41	3834m	1.081 ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	7833	1.197	ug/l	96
43) Isopropyl Acetate	6.46	43	10539	1.052	ug/l	99
44) Trichloroethene	7.21	130	6597	1.158	ug/l	96
45) 1,2-Dichloropropane	7.52	63	5295	1.118	ug/l	94
46) Dibromomethane	7.66	93	4182	1.214	ug/l	84
47) Bromodichloromethane	7.90	83	6019	1.031	ug/l #	83
48) Methyl methacrylate	7.77	41	4384	0.875	ug/l #	75
49) 1,4-Dioxane	7.75	88	3368	27.010	ug/l #	91
51) 4-Methyl-2-Pentanone	8.65	43	34564	5.242	ug/l	98
52) Toluene	8.78	92	12873	1.055	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	5458	0.871	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	5945	0.862	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	5917	1.163	ug/l #	77
56) Ethyl methacrylate	9.18	69	7067	1.003	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	8935	1.105	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	17930	4.829	ug/l	100
59) 2-Hexanone	9.49	43	26993	5.260	ug/l	98
60) Dibromochloromethane	9.58	129	3794	0.789	ug/l	83
61) 1,2-Dibromoethane	9.67	107	5783	1.074	ug/l	97
64) Tetrachloroethene	9.34	164	7140	1.190	ug/l	94
65) Chlorobenzene	10.14	112	16561	1.192	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	4618	0.991	ug/l #	65
67) Ethyl Benzene	10.25	91	24000	1.073	ug/l	100
68) m/p-Xylenes	10.36	106	18696	2.102	ug/l	100
69) o-Xylene	10.70	106	8805	1.029	ug/l	95
70) Styrene	10.71	104	14318	1.032	ug/l	97
71) Bromoform	10.86	173	3162	0.877	ug/l #	99
73) Isopropylbenzene	11.02	105	23977	1.143	ug/l	97
74) N-amyl acetate	10.90	43	9315	1.148	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	7818	1.223	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	7003m	1.119	ug/l	
77) Bromobenzene	11.26	156	7284	1.232	ug/l	97
78) n-propylbenzene	11.36	91	23826	1.035	ug/l	97
79) 2-Chlorotoluene	11.42	91	16481	1.180	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	18383	1.071	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	1737	1.004	ug/l #	60
82) 4-Chlorotoluene	11.51	91	17633	1.091	ug/l	92
83) tert-Butylbenzene	11.77	119	18913	1.113	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	18010	1.033	ug/l	96
85) sec-Butylbenzene	11.94	105	20687	1.006	ug/l	98
86) p-Isopropyltoluene	12.06	119	19152	1.031	ug/l	90
87) 1,3-Dichlorobenzene	12.02	146	12904	1.216	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	13371m	1.243	ug/l	
89) n-Butylbenzene	12.39	91	16238	1.017	ug/l	99
90) Hexachloroethane	12.59	117	2715	0.977	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	12837	1.216	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1660	1.248	ug/l	72
93) 1,2,4-Trichlorobenzene	13.65	180	8190	1.150	ug/l	96
94) Hexachlorobutadiene	13.78	225	4221	1.221	ug/l	94
95) Naphthalene	13.83	128	23994	1.152	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	8651	1.207	ug/l	89

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

