

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010101.D
 Acq On : 07 Jun 2019 11:29
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/10/2019 10:53:23 AM

Quant Time: Jun 08 02:00:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 07 13:02:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	389441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	583746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	520780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259295	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	3056	0.790 ug/l	100
3) Chloromethane	1.33	50	4159	1.175 ug/l	92
4) Vinyl Chloride	1.41	62	3366	1.012 ug/l	94
6) Chloroethane	1.72	64	1594m	0.858 ug/l	
7) Trichlorofluoromethane	1.93	101	5459	1.122 ug/l	85
8) Diethyl Ether	2.18	74	2033	1.259 ug/l	84
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3726	1.136 ug/l #	86
12) 1,1-Dichloroethene	2.37	96	3898	1.153 ug/l #	78
14) Allyl chloride	2.73	41	6013	1.186 ug/l #	87
15) Acrylonitrile	3.14	53	10269	5.503 ug/l	99
16) Acetone	2.44	43	10446	6.077 ug/l	92
17) Carbon Disulfide	2.57	76	12509	1.314 ug/l #	90
18) Methyl Acetate	2.77	43	4596	1.243 ug/l #	75
19) Methyl tert-butyl Ether	3.19	73	12340	1.141 ug/l #	89
20) Methylene Chloride	2.85	84	4649	1.249 ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	4910	1.343 ug/l #	71
22) Diisopropyl ether	3.85	45	10616	1.067 ug/l #	83
23) Vinyl Acetate	3.81	43	46480	5.183 ug/l #	87
24) 1,1-Dichloroethane	3.69	63	6914	1.181 ug/l	97
25) 2-Butanone	4.68	43	13662	5.193 ug/l #	80
26) 2,2-Dichloropropane	4.58	77	6065	1.126 ug/l #	75
27) cis-1,2-Dichloroethene	4.59	96	4679	1.122 ug/l	85
28) Bromochloromethane	5.02	49	3249	1.228 ug/l #	59
29) Tetrahydrofuran	5.13	42	9125	5.614 ug/l #	77
30) Chloroform	5.21	83	6835	1.103 ug/l #	81
32) 1,1,1-Trichloroethane	5.49	97	7092	1.255 ug/l #	47
36) 1,1-Dichloropropene	5.79	75	5211	1.143 ug/l #	66
37) Ethyl Acetate	4.84	43	5417	1.128 ug/l #	76
38) Carbon Tetrachloride	5.79	117	6159	1.192 ug/l	88
39) Methylcyclohexane	7.46	83	7251	1.175 ug/l #	80
40) Benzene	6.14	78	15873	1.106 ug/l	97
41) Methacrylonitrile	5.05	41	2921	1.114 ug/l #	78
42) 1,2-Dichloroethane	6.20	62	5074	1.113 ug/l #	70
43) Isopropyl Acetate	6.45	43	9120	1.140 ug/l #	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	5189	1.226	ug/l	68
45) 1,2-Dichloropropane	7.52	63	4051	1.129	ug/l	100
46) Dibromomethane	7.66	93	3290	1.274	ug/l	94
47) Bromodichloromethane	7.90	83	5405	1.073	ug/l #	93
48) Methyl methacrylate	7.77	41	4010	1.035	ug/l #	70
49) 1,4-Dioxane	7.75	88	2513	23.576	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	26224	5.249	ug/l #	83
52) Toluene	8.78	92	10838	1.165	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	6418	1.097	ug/l #	88
54) cis-1,3-Dichloropropene	8.44	75	7069	1.139	ug/l	88
55) 1,1,2-Trichloroethane	9.21	97	4130	1.061	ug/l	97
56) Ethyl methacrylate	9.18	69	6550	1.050	ug/l #	87
57) 1,3-Dichloropropane	9.37	76	7038	1.164	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	16103	5.410	ug/l #	81
59) 2-Hexanone	9.49	43	20961	5.303	ug/l	88
60) Dibromochloromethane	9.58	129	4999	1.086	ug/l	97
61) 1,2-Dibromoethane	9.67	107	4968	1.163	ug/l	94
64) Tetrachloroethene	9.34	164	4546	1.255	ug/l	93
65) Chlorobenzene	10.13	112	11980	1.155	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	4335	1.084	ug/l #	60
67) Ethyl Benzene	10.25	91	20017	1.132	ug/l	94
68) m/p-Xylenes	10.36	106	15787	2.306	ug/l	91
69) o-Xylene	10.69	106	8080	1.200	ug/l	83
70) Styrene	10.71	104	13399	1.145	ug/l	94
71) Bromoform	10.85	173	4018	1.083	ug/l #	99
73) Isopropylbenzene	11.02	105	19446	1.108	ug/l	93
74) N-amyl acetate	10.90	43	7507	1.072	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	11.26	83	7024	1.183	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	6215m	1.253	ug/l	
77) Bromobenzene	11.25	156	5608	1.169	ug/l	80
78) n-propylbenzene	11.36	91	21384	1.085	ug/l	93
79) 2-Chlorotoluene	11.42	91	13462	1.149	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	17347	1.182	ug/l	97
82) 4-Chlorotoluene	11.51	91	14883	1.098	ug/l	88
83) tert-Butylbenzene	11.77	119	17019	1.146	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	16920	1.137	ug/l	97
85) sec-Butylbenzene	11.94	105	19951	1.149	ug/l	95
86) p-Isopropyltoluene	12.06	119	17961	1.124	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	9851	1.162	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	10256m	1.228	ug/l	
89) n-Butylbenzene	12.38	91	15331	1.107	ug/l	95
90) Hexachloroethane	12.59	117	3619	1.147	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	9641	1.174	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1594	1.169	ug/l	80
93) 1,2,4-Trichlorobenzene	13.65	180	7462	1.274	ug/l	97
94) Hexachlorobutadiene	13.78	225	3265	1.253	ug/l	98
95) Naphthalene	13.83	128	21506	1.138	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	7029	1.211	ug/l	97

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

