

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091619\
 Data File : VX012402.D
 Acq On : 16 Sep 2019 12:24
 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
 9/23/2019 5:03:58 PM

Quant Time: Sep 17 04:45:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:04:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	125195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	200188	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	181248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106155	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	1.19	85	936	0.806	ug/l	95
3) Chloromethane	1.32	50	863	0.840	ug/l	94
4) Vinyl Chloride	1.40	62	1123	1.079	ug/l	96
6) Chloroethane	1.72	64	806	1.313	ug/l #	81
7) Trichlorofluoromethane	1.92	101	1588	0.929	ug/l	90
8) Diethyl Ether	2.18	74	870	1.431	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1213	1.118	ug/l #	88
12) 1,1-Dichloroethene	2.37	96	879	0.859	ug/l #	82
14) Allyl chloride	2.72	41	2216	1.292	ug/l	90
15) Acrylonitrile	3.13	53	4864	7.416	ug/l	93
16) Acetone	2.43	43	6353	9.918	ug/l	96
17) Carbon Disulfide	2.56	76	1170	0.500	ug/l #	88
18) Methyl Acetate	2.76	43	2490	1.498	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	5128	1.402	ug/l	99
20) Methylene Chloride	2.84	84	1814	1.521	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	1055	0.968	ug/l #	88
22) Diisopropyl ether	3.85	45	5271	1.507	ug/l #	89
23) Vinyl Acetate	3.81	43	18509	6.360	ug/l	99
24) 1,1-Dichloroethane	3.69	63	2629	1.340	ug/l #	90
25) 2-Butanone	4.67	43	7365	7.865	ug/l	98
26) 2,2-Dichloropropane	4.56	77	2639	1.530	ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	1621	1.231	ug/l	93
28) Bromochloromethane	5.00	49	1744	1.921	ug/l #	37
29) Tetrahydrofuran	5.13	42	4008	6.883	ug/l #	78
30) Chloroform	5.20	83	3596m	1.666	ug/l	
32) 1,1,1-Trichloroethane	5.48	97	2386	1.281	ug/l #	45
36) 1,1-Dichloropropene	5.79	75	1917	1.179	ug/l #	77
37) Ethyl Acetate	4.83	43	2334	1.246	ug/l #	84
38) Carbon Tetrachloride	5.77	117	1907	1.008	ug/l #	83
39) Methylcyclohexane	7.46	83	1465	0.759	ug/l	93
40) Benzene	6.14	78	4612	0.906	ug/l	96
41) Methacrylonitrile	5.03	41	1225	1.106	ug/l	94
42) 1,2-Dichloroethane	6.19	62	2229	1.150	ug/l	96
43) Isopropyl Acetate	6.43	43	4307	1.397	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	1270	0.833	ug/l	39
45) 1,2-Dichloropropane	7.50	63	1679	1.276	ug/l	97
46) Dibromomethane	7.65	93	1068	1.120	ug/l	91
47) Bromodichloromethane	7.89	83	2223	1.232	ug/l	100
48) Methyl methacrylate	7.77	41	1373	0.910	ug/l #	50
49) 1,4-Dioxane	7.75	88	850	20.757	ug/l #	47
51) 4-Methyl-2-Pentanone	8.64	43	12509	6.152	ug/l	99
52) Toluene	8.78	92	3067	0.933	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	2198	1.166	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	2274	1.121	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	1981	1.395	ug/l #	64
56) Ethyl methacrylate	9.17	69	2233	1.091	ug/l #	86
57) 1,3-Dichloropropane	9.37	76	2838	1.223	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	6214	5.723	ug/l	98
59) 2-Hexanone	9.49	43	9868	6.346	ug/l	93
60) Dibromochloromethane	9.57	129	1426	0.925	ug/l	98
61) 1,2-Dibromoethane	9.67	107	1503	1.014	ug/l	94
64) Tetrachloroethene	9.33	164	1141	0.814	ug/l	97
65) Chlorobenzene	10.14	112	3864	1.042	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	1466	1.032	ug/l #	68
67) Ethyl Benzene	10.25	91	6201	1.004	ug/l	93
68) m/p-Xylenes	10.36	106	4573	1.944	ug/l	98
69) o-Xylene	10.70	106	2488	1.063	ug/l	99
70) Styrene	10.71	104	3586	0.905	ug/l	93
71) Bromoform	10.85	173	973	0.812	ug/l #	93
73) Isopropylbenzene	11.01	105	6179	0.929	ug/l	99
74) N-amyl acetate	10.89	43	3130	1.131	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	2481	1.079	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	2252m	1.096	ug/l	
77) Bromobenzene	11.25	156	1688	0.881	ug/l	95
78) n-propylbenzene	11.35	91	7080	0.989	ug/l	94
79) 2-Chlorotoluene	11.42	91	4789	1.067	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	5000	0.896	ug/l	95
82) 4-Chlorotoluene	11.51	91	5290	1.018	ug/l	99
83) tert-Butylbenzene	11.76	119	5804	1.042	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	5157	0.913	ug/l	99
85) sec-Butylbenzene	11.94	105	5849	0.917	ug/l	98
86) p-Isopropyltoluene	12.06	119	5206	0.859	ug/l	81
87) 1,3-Dichlorobenzene	12.02	146	3214	0.967	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	3239m	0.959	ug/l	
89) n-Butylbenzene	12.39	91	4619	0.907	ug/l	99
90) Hexachloroethane	12.59	117	1049	1.066	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	3134	0.927	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.99	75	649	1.179	ug/l	81
93) 1,2,4-Trichlorobenzene	13.64	180	1957	0.803	ug/l	97
94) Hexachlorobutadiene	13.78	225	1016	0.769	ug/l	94
95) Naphthalene	13.83	128	5660	0.799	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	1787	0.727	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

