

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012877.D
 Acq On : 08 Oct 2019 07:32
 Operator : JC/SP
 Sample : K5122-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW3414MS

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:07:25 PM

Quant Time: Oct 08 13:26:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	165089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125683	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113789	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	5.49	113	89297	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.71	98	330269	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.14	95	130777	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	66776	35.955	ug/l	97
3) Chloromethane	1.32	50	82895	38.870	ug/l	100
4) Vinyl Chloride	1.40	62	87687	41.367	ug/l	95
5) Bromomethane	1.62	94	26867	32.237	ug/l	92
6) Chloroethane	1.70	64	58407	40.873	ug/l	97
7) Trichlorofluoromethane	1.92	101	124651	41.884	ug/l	99
8) Diethyl Ether	2.18	74	54971	45.071	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78625	43.375	ug/l	97
10) Methyl Iodide	2.50	142	72353	39.088	ug/l	91
11) Tert butyl alcohol	3.04	59	137170	228.412	ug/l	98
12) 1,1-Dichloroethene	2.36	96	83080	46.806	ug/l	94
13) Acrolein	2.28	56	68825	207.544	ug/l	97
14) Allyl chloride	2.72	41	148109	42.057	ug/l	95
15) Acrylonitrile	3.13	53	287500	235.972	ug/l	99
16) Acetone	2.44	43	251311	197.360	ug/l	93
17) Carbon Disulfide	2.56	76	203217	40.838	ug/l	100
18) Methyl Acetate	2.76	43	123550	41.206	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	321051	47.786	ug/l	100
20) Methylene Chloride	2.84	84	100899	46.849	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	89354	45.439	ug/l	96
22) Diisopropyl ether	3.84	45	315778	46.406	ug/l	94
23) Vinyl Acetate	3.80	43	1140810	191.174	ug/l	98
24) 1,1-Dichloroethane	3.69	63	173994	47.040	ug/l	99
25) 2-Butanone	4.66	43	398281	218.139	ug/l	94
26) 2,2-Dichloropropane	4.57	77	86733	26.365	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	109710	48.082	ug/l	88
28) Bromochloromethane	5.00	49	64579	48.084	ug/l	95
29) Tetrahydrofuran	5.11	42	254226	228.448	ug/l	95
30) Chloroform	5.20	83	175772	46.448	ug/l	99
31) Cyclohexane	5.57	56	143515	42.888	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	149731	44.644	ug/l	99
36) 1,1-Dichloropropene	5.79	75	124006	43.400	ug/l	97
37) Ethyl Acetate	4.82	43	129570	38.788	ug/l	97
38) Carbon Tetrachloride	5.77	117	126108	43.448	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134221	39.020	ug/l	99
40) Benzene	6.13	78	387036	46.038	ug/l	97
41) Methacrylonitrile	5.03	41	84452	45.060	ug/l	95
42) 1,2-Dichloroethane	6.18	62	143003	44.794	ug/l	97
43) Isopropyl Acetate	6.43	43	223465	40.003	ug/l	96
44) Trichloroethene	7.21	130	100531	46.776	ug/l	96
45) 1,2-Dichloropropane	7.51	63	102085	47.429	ug/l	98
46) Dibromomethane	7.65	93	67512	46.069	ug/l	99
47) Bromodichloromethane	7.89	83	135570	46.287	ug/l	98
48) Methyl methacrylate	7.76	41	119579	44.642	ug/l	92
49) 1,4-Dioxane	7.73	88	54499	897.025	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	783085	227.092	ug/l	96
52) Toluene	8.78	92	243338	46.053	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	138800	42.832	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	151162	42.723	ug/l	90
55) 1,1,2-Trichloroethane	9.21	97	103704	49.367	ug/l	98
56) Ethyl methacrylate	9.17	69	168023	47.610	ug/l	91
57) 1,3-Dichloropropane	9.37	76	173113	47.086	ug/l	100
59) 2-Hexanone	9.49	43	603666	228.707	ug/l	93
60) Dibromochloromethane	9.58	129	104064	48.937	ug/l	100
61) 1,2-Dibromoethane	9.67	107	106280	48.613	ug/l	99
64) Tetrachloroethene	9.33	164	80554	43.927	ug/l	92
65) Chlorobenzene	10.14	112	258481	46.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	98727	49.197	ug/l	99
67) Ethyl Benzene	10.25	91	470892	46.875	ug/l	99
68) m/p-Xylenes	10.35	106	347624	92.377	ug/l	100
69) o-Xylene	10.70	106	171067	46.980	ug/l	100
70) Stvrene	10.71	104	301626	49.412	ug/l	98
71) Bromoform	10.85	173	71793	51.379	ug/l #	98
73) Isopropylbenzene	11.01	105	455363	44.484	ug/l	100
74) N-amyl acetate	10.89	43	184587	37.798	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	165892	48.933	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	147468m	44.356	ug/l	
77) Bromobenzene	11.25	156	105766	45.652	ug/l	99
78) n-propylbenzene	11.35	91	506231	43.927	ug/l	100
79) 2-Chlorotoluene	11.42	91	312629	43.486	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	378551	44.099	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40980	35.324	ug/l	98
82) 4-Chlorotoluene	11.51	91	361568	44.119	ug/l	100
83) tert-Butylbenzene	11.76	119	378039	45.654	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	392778	45.358	ug/l	99
85) sec-Butylbenzene	11.94	105	433772	45.038	ug/l	99
86) p-Isopropyltoluene	12.06	119	390926	44.984	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194689	46.696	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	194460	46.156	ug/l	99
89) n-Butylbenzene	12.38	91	324496	42.374	ug/l	98
90) Hexachloroethane	12.59	117	68776	44.391	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	199266	47.738	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39007	45.997	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	119464	46.930	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	49286	45.005	ug/l	99
95) Naphthalene	13.83	128	429825	46.669	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	120953	47.433	ug/l	99

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

