

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012977.D
 Acq On : 10 Oct 2019 05:43
 Operator : JC/SP
 Sample : K5259-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-JMW1963MSD

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:04:45 AM

Quant Time: Oct 10 07:55:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	279445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	105475	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
35) Dibromofluoromethane	5.49	113	84354	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	8.71	98	309289	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	118840	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	78860	48.719	ug/l 98
3) Chloromethane	1.32	50	95332	54.117	ug/l 97
4) Vinyl Chloride	1.40	62	91442	50.291	ug/l 100
5) Bromomethane	1.63	94	37403	49.486	ug/l 99
6) Chloroethane	1.71	64	58464	52.620	ug/l 98
7) Trichlorofluoromethane	1.92	101	122801	50.039	ug/l 100
8) Diethyl Ether	2.18	74	54554	55.073	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74133	46.675	ug/l 100
10) Methyl Iodide	2.50	142	98790	54.405	ug/l 100
11) Tert butyl alcohol	3.03	59	134536	255.701	ug/l 100
12) 1,1-Dichloroethene	2.36	96	81741	50.938	ug/l 96
13) Acrolein	2.28	56	84145	225.042	ug/l 100
14) Allyl chloride	2.72	41	146818	51.374	ug/l 99
15) Acrylonitrile	3.13	53	279971	280.790	ug/l 100
16) Acetone	2.44	43	244152	233.376	ug/l 99
17) Carbon Disulfide	2.56	76	214246	46.822	ug/l 100
18) Methyl Acetate	2.76	43	122114	49.245	ug/l 98
19) Methyl tert-butyl Ether	3.19	73	316543	57.120	ug/l 97
20) Methylene Chloride	2.84	84	99782	51.898	ug/l 99
21) trans-1,2-Dichloroethene	3.15	96	90678	52.720	ug/l 97
22) Diisopropyl ether	3.84	45	306530	55.976	ug/l 96
23) Vinyl Acetate	3.80	43	1228249	259.817	ug/l 99
24) 1,1-Dichloroethane	3.69	63	169110	54.893	ug/l 99
25) 2-Butanone	4.66	43	385667	265.717	ug/l 97
26) 2,2-Dichloropropane	4.57	77	92179	35.582	ug/l 97
27) cis-1,2-Dichloroethene	4.59	96	109209	55.084	ug/l 96
28) Bromochloromethane	5.01	49	52957	57.587	ug/l 99
29) Tetrahydrofuran	5.12	42	248887	278.661	ug/l 99
30) Chloroform	5.20	83	170536	53.949	ug/l 97
31) Cyclohexane	5.57	56	135575	47.063	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	142803	53.317	ug/l 99
36) 1,1-Dichloropropene	5.79	75	119199	48.516	ug/l 99
37) Ethyl Acetate	4.82	43	159744	58.146	ug/l 99
38) Carbon Tetrachloride	5.78	117	118286	49.463	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	133431	44.782	ug/l	100
40) Benzene	6.14	78	378848	52.208	ug/l	100
41) Methacrylonitrile	5.03	41	81495	53.985	ug/l	99
42) 1,2-Dichloroethane	6.18	62	141385	54.299	ug/l	99
43) Isopropyl Acetate	6.43	43	228191	51.750	ug/l	100
44) Trichloroethene	7.21	130	98238	48.820	ug/l	91
45) 1,2-Dichloropropane	7.51	63	98860	53.454	ug/l	99
46) Dibromomethane	7.65	93	66623	54.068	ug/l	99
47) Bromodichloromethane	7.89	83	130540	54.286	ug/l	97
48) Methyl methacrylate	7.76	41	116746	54.331	ug/l	98
49) 1,4-Dioxane	7.73	88	57987	1005.407	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	754704	274.517	ug/l	100
52) Toluene	8.78	92	237515	51.162	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	135136	45.247	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	149739	50.630	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	100064	54.466	ug/l	98
56) Ethyl methacrylate	9.17	69	163202	49.622	ug/l	99
57) 1,3-Dichloropropane	9.37	76	168572	53.043	ug/l	99
59) 2-Hexanone	9.49	43	579514	270.791	ug/l	100
60) Dibromochloromethane	9.57	129	101350	49.588	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105694	54.689	ug/l	99
64) Tetrachloroethene	9.33	164	90357	51.992	ug/l	95
65) Chlorobenzene	10.14	112	248095	49.861	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	91707	53.157	ug/l	99
67) Ethyl Benzene	10.25	91	438499	49.613	ug/l	100
68) m/p-Xylenes	10.35	106	330072	99.966	ug/l	100
69) o-Xylene	10.70	106	163196	50.684	ug/l	99
70) Stvrene	10.71	104	285058	52.076	ug/l	99
71) Bromoform	10.85	173	68825	47.028	ug/l #	100
73) Isopropylbenzene	11.01	105	422074	50.204	ug/l	100
74) N-amyl acetate	10.89	43	188947	52.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	153407	54.862	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	123966m	48.877	ug/l	
77) Bromobenzene	11.25	156	102401	51.688	ug/l	96
78) n-propylbenzene	11.35	91	469096	50.707	ug/l	99
79) 2-Chlorotoluene	11.42	91	291054	50.061	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	361504	51.496	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	41348	42.582	ug/l	96
82) 4-Chlorotoluene	11.51	91	342587	51.409	ug/l	99
83) tert-Butylbenzene	11.77	119	350435	51.173	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	369830	52.017	ug/l	99
85) sec-Butylbenzene	11.94	105	396418	49.966	ug/l	99
86) p-Isopropyltoluene	12.06	119	359378	48.841	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	180617	49.094	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	181105	48.606	ug/l	99
89) n-Butylbenzene	12.39	91	301772	48.798	ug/l	99
90) Hexachloroethane	12.59	117	62524	46.054	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	184714	51.214	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	37225	56.798	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	109327	48.389	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	48197	46.223	ug/l	98
95) Naphthalene	13.83	128	415425	53.042	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	114692	49.123	ug/l	98

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

