

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101819\
 Data File : VX013145.D
 Acq On : 18 Oct 2019 22:10
 Operator : JC/SP
 Sample : K5414-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MSD

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 11:03:10 AM

Quant Time: Oct 19 05:51:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	134799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	226365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	206324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95928	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	86699	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
35) Dibromofluoromethane	5.49	113	70259	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	8.71	98	254570	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.14	95	103071	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	82917	60.346	ug/l	100
3) Chloromethane	1.32	50	75749	50.656	ug/l	96
4) Vinyl Chloride	1.40	62	79794	51.698	ug/l	98
5) Bromomethane	1.63	94	37478	58.414	ug/l	96
6) Chloroethane	1.70	64	49029	51.989	ug/l	98
7) Trichlorofluoromethane	1.92	101	125104	60.053	ug/l	98
8) Diethyl Ether	2.18	74	44462	52.876	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	73714	54.674	ug/l	98
10) Methyl Iodide	2.50	142	99553	63.635	ug/l	99
11) Tert butyl alcohol	3.04	59	104757	234.550	ug/l	99
12) 1,1-Dichloroethene	2.36	96	75731	55.594	ug/l	89
13) Acrolein	2.28	56	85499	269.373	ug/l	99
14) Allyl chloride	2.72	41	119671	49.330	ug/l	98
15) Acrylonitrile	3.13	53	215665	254.804	ug/l	100
16) Acetone	2.44	43	187447	211.073	ug/l	98
17) Carbon Disulfide	2.56	76	196047	50.473	ug/l	99
18) Methyl Acetate	2.76	43	100490	47.740	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	264345	56.193	ug/l	95
20) Methylene Chloride	2.84	84	86796	53.181	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	80077	54.846	ug/l	96
22) Diisopropyl ether	3.84	45	238535	51.314	ug/l	92
23) Vinyl Acetate	3.80	43	1020150	254.217	ug/l	99
24) 1,1-Dichloroethane	3.69	63	142734	54.580	ug/l	99
25) 2-Butanone	4.66	43	288630	234.265	ug/l	96
26) 2,2-Dichloropropane	4.57	77	108683	49.422	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	93341	55.462	ug/l	95
28) Bromochloromethane	5.00	49	38334	49.041	ug/l	90
29) Tetrahydrofuran	5.12	42	183738	242.343	ug/l	94
30) Chloroform	5.20	83	152364	56.781	ug/l	99
31) Cyclohexane	5.57	56	123218	50.389	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	133329	58.642	ug/l	98
36) 1,1-Dichloropropene	5.79	75	109403	54.970	ug/l	99
37) Ethyl Acetate	4.82	43	108790	48.885	ug/l	99
38) Carbon Tetrachloride	5.77	117	114432	59.072	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	127968	53.020	ug/l	98
40) Benzene	6.14	78	327692	55.748	ug/l	97
41) Methacrylonitrile	5.03	41	61877	50.600	ug/l	97
42) 1,2-Dichloroethane	6.19	62	122007	57.844	ug/l	98
43) Isopropyl Acetate	6.43	43	185840	52.028	ug/l	98
44) Trichloroethene	7.21	130	92209	56.569	ug/l	100
45) 1,2-Dichloropropane	7.51	63	81705	54.538	ug/l	97
46) Dibromomethane	7.65	93	57998	58.106	ug/l	96
47) Bromodichloromethane	7.89	83	116074	59.589	ug/l	99
48) Methyl methacrylate	7.76	41	90606	52.054	ug/l	96
49) 1,4-Dioxane	7.73	88	43530	934.295	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	572204	256.939	ug/l	97
52) Toluene	8.78	92	211156	56.150	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	123761	50.872	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	135227	56.445	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	85045	57.145	ug/l	98
56) Ethyl methacrylate	9.17	69	138472	51.889	ug/l	96
57) 1,3-Dichloropropane	9.37	76	143662	55.805	ug/l	99
59) 2-Hexanone	9.49	43	445391	256.920	ug/l	98
60) Dibromochloromethane	9.58	129	92562	55.672	ug/l	99
61) 1,2-Dibromoethane	9.67	107	91008	58.132	ug/l	99
64) Tetrachloroethene	9.33	164	90480	63.226	ug/l	95
65) Chlorobenzene	10.14	112	222907	54.404	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	85516	60.196	ug/l	99
67) Ethyl Benzene	10.25	91	406437	55.845	ug/l	100
68) m/p-Xylenes	10.36	106	304683	112.061	ug/l	99
69) o-Xylene	10.70	106	148890	56.155	ug/l	100
70) Stvrene	10.71	104	255233	56.625	ug/l	99
71) Bromoform	10.85	173	65084	53.542	ug/l	99
73) Isopropylbenzene	11.01	105	391929	55.571	ug/l	99
74) N-amyl acetate	10.89	43	158325	52.124	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	129154	55.058	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	121050m	56.893	ug/l	
77) Bromobenzene	11.25	156	94874	57.085	ug/l	97
78) n-propylbenzene	11.35	91	430724	55.501	ug/l	99
79) 2-Chlorotoluene	11.42	91	267842	54.916	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	336572	57.152	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	39183	47.572	ug/l	99
82) 4-Chlorotoluene	11.51	91	313996	56.167	ug/l	100
83) tert-Butylbenzene	11.77	119	330131	57.466	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	336454	56.411	ug/l	99
85) sec-Butylbenzene	11.94	105	369003	55.443	ug/l	98
86) p-Isopropyltoluene	12.06	119	344956	55.884	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	170811	55.345	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	166684	53.327	ug/l	99
89) n-Butylbenzene	12.39	91	272601	52.546	ug/l	98
90) Hexachloroethane	12.59	117	61071	53.274	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	172607	57.047	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31735	57.720	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	103180	54.438	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	48765	55.750	ug/l	96
95) Naphthalene	13.83	128	329559	50.159	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	103036	52.606	ug/l	99

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

