

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091819\
 Data File : VX012486.D
 Acq On : 18 Sep 2019 20:04
 Operator : JC/SP
 Sample : VX0918WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:05:50 PM

Quant Time: Sep 19 07:52:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	207522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	345114	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	311217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	150090	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	142242	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
35) Dibromofluoromethane	5.48	113	103965	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.71	98	387501	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.14	95	154399	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	26820	19.611	ug/l	96
3) Chloromethane	1.32	50	22205	19.463	ug/l	95
4) Vinyl Chloride	1.40	62	24266	19.679	ug/l	99
5) Bromomethane	1.63	94	10725	22.138	ug/l	96
6) Chloroethane	1.72	64	17089	17.710	ug/l	99
7) Trichlorofluoromethane	1.92	101	46273	20.471	ug/l	98
8) Diethyl Ether	2.18	74	19708	19.303	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33114	20.247	ug/l	99
10) Methyl Iodide	2.50	142	25557	21.034	ug/l	96
11) Tert butyl alcohol	3.03	59	71362	90.877	ug/l	99
12) 1,1-Dichloroethene	2.36	96	25815	19.786	ug/l	99
13) Acrolein	2.28	56	19001	71.555	ug/l	100
14) Allyl chloride	2.72	41	57404	18.898	ug/l	100
15) Acrylonitrile	3.13	53	127891	99.230	ug/l	99
16) Acetone	2.43	43	122193	84.650	ug/l	100
17) Carbon Disulfide	2.56	76	31032	18.017	ug/l	97
18) Methyl Acetate	2.76	43	59727	19.272	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	141255	19.857	ug/l	95
20) Methylene Chloride	2.84	84	35911	19.951	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	27190	20.069	ug/l	94
22) Diisopropyl ether	3.84	45	141156	19.847	ug/l	99
23) Vinyl Acetate	3.80	43	570641	97.537	ug/l	98
24) 1,1-Dichloroethane	3.69	63	69267	20.355	ug/l	98
25) 2-Butanone	4.66	43	186183	90.244	ug/l	96
26) 2,2-Dichloropropane	4.58	77	59239	17.701	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	40551	20.036	ug/l	96
28) Bromochloromethane	5.00	49	32273	18.396	ug/l	94
29) Tetrahydrofuran	5.12	42	113367	99.468	ug/l	99
30) Chloroform	5.20	83	76303	19.524	ug/l	93
31) Cyclohexane	5.57	56	40636	19.782	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	64240	19.667	ug/l	99
36) 1,1-Dichloropropene	5.79	75	41039	19.566	ug/l	96
37) Ethyl Acetate	4.82	43	65686	20.402	ug/l	96
38) Carbon Tetrachloride	5.78	117	51532	19.754	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	42066	20.631	ug/l	93
40) Benzene	6.13	78	137008	20.542	ug/l	98
41) Methacrylonitrile	5.03	41	39642	19.122	ug/l	97
42) 1,2-Dichloroethane	6.18	62	60934	19.697	ug/l	99
43) Isopropyl Acetate	6.43	43	112086	19.397	ug/l	99
44) Trichloroethene	7.21	130	37312	21.266	ug/l	97
45) 1,2-Dichloropropane	7.51	63	40734	19.879	ug/l	95
46) Dibromomethane	7.65	93	26891	20.279	ug/l	98
47) Bromodichloromethane	7.89	83	57257	19.392	ug/l	97
48) Methyl methacrylate	7.76	41	52384	19.231	ug/l	97
49) 1,4-Dioxane	7.73	88	24755	373.402	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	373895	98.666	ug/l	100
52) Toluene	8.78	92	89115	20.735	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57820	18.839	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	62707	19.735	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	44536	20.114	ug/l	98
56) Ethyl methacrylate	9.17	69	68399	19.758	ug/l	98
57) 1,3-Dichloropropane	9.37	76	71699	20.295	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	166700	93.024	ug/l	100
59) 2-Hexanone	9.49	43	284647	96.280	ug/l	99
60) Dibromochloromethane	9.58	129	44246	19.618	ug/l	100
61) 1,2-Dibromoethane	9.67	107	41663	20.602	ug/l	97
64) Tetrachloroethene	9.33	164	34925	24.490	ug/l	93
65) Chlorobenzene	10.14	112	105141	20.469	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	42823	20.087	ug/l	99
67) Ethyl Benzene	10.24	91	182270	20.654	ug/l	99
68) m/p-Xylenes	10.35	106	132985	41.416	ug/l	100
69) o-Xylene	10.70	106	68426	20.721	ug/l	99
70) Styrene	10.71	104	124212	21.260	ug/l	97
71) Bromoform	10.85	173	30001	18.276	ug/l #	99
73) Isopropylbenzene	11.01	105	192381	20.429	ug/l	97
74) N-amyl acetate	10.89	43	98531	19.434	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	72334	19.581	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	69090m	20.040	ug/l	
77) Bromobenzene	11.25	156	48202	20.988	ug/l	97
78) n-propylbenzene	11.35	91	215252	20.508	ug/l	99
79) 2-Chlorotoluene	11.42	91	138076	20.221	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	165855	20.651	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19789	17.878	ug/l	92
82) 4-Chlorotoluene	11.51	91	159590	20.364	ug/l	100
83) tert-Butylbenzene	11.76	119	171002	19.870	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	169753	20.585	ug/l	100
85) sec-Butylbenzene	11.94	105	195539	20.620	ug/l	99
86) p-Isopropyltoluene	12.06	119	178913	20.546	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	90191	20.876	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	92988	20.953	ug/l	98
89) n-Butylbenzene	12.38	91	156340	20.122	ug/l	98
90) Hexachloroethane	12.59	117	28862	18.076	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	95528	21.156	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	18394	19.206	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	62445	21.470	ug/l	99
94) Hexachlorobutadiene	13.78	225	26187	19.103	ug/l	99
95) Naphthalene	13.83	128	238007	22.998	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	66664	22.492	ug/l	99

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

