

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071819\
 Data File : VX010959.D
 Acq On : 18 Jul 2019 15:22
 Operator : JC/SP
 Sample : VX0718WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 12:03:34 PM

Quant Time: Jul 19 02:16:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	305483	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	279370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	145986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109937	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
35) Dibromofluoromethane	5.49	113	97540	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
50) Toluene-d8	8.71	98	373012	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.13	95	131580	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	42134	19.512	ug/l	99
3) Chloromethane	1.33	50	37142	19.600	ug/l	99
4) Vinyl Chloride	1.41	62	39386	20.376	ug/l	99
5) Bromomethane	1.64	94	23532	21.604	ug/l	99
6) Chloroethane	1.73	64	26752	21.779	ug/l	95
7) Trichlorofluoromethane	1.93	101	64597	19.743	ug/l	98
8) Diethyl Ether	2.19	74	21488	19.061	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37033	19.823	ug/l	98
10) Methyl Iodide	2.51	142	41370	16.875	ug/l	99
11) Tert butyl alcohol	3.04	59	47337	92.715	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36256	19.752	ug/l	99
13) Acrolein	2.29	56	25688	87.082	ug/l	99
14) Allyl chloride	2.73	41	49402	18.529	ug/l	99
15) Acrylonitrile	3.14	53	97531	94.535	ug/l	98
16) Acetone	2.44	43	84473	85.314	ug/l	95
17) Carbon Disulfide	2.57	76	82233	17.465	ug/l	99
18) Methyl Acetate	2.78	43	43349	19.227	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	114297	19.343	ug/l	99
20) Methylene Chloride	2.85	84	40188	19.152	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	38876	19.961	ug/l	93
22) Diisopropyl ether	3.85	45	109055	19.394	ug/l	98
23) Vinyl Acetate	3.82	43	457827	96.092	ug/l	99
24) 1,1-Dichloroethane	3.70	63	62571	19.160	ug/l	97
25) 2-Butanone	4.67	43	134195	94.415	ug/l	100
26) 2,2-Dichloropropane	4.59	77	45747	17.061	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	43465	19.284	ug/l	99
28) Bromochloromethane	5.01	49	30067	19.538	ug/l	99
29) Tetrahydrofuran	5.13	42	86805	96.415	ug/l	100
30) Chloroform	5.21	83	66701	18.897	ug/l	100
31) Cyclohexane	5.59	56	56030	18.823	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	57709	18.897	ug/l	99
36) 1,1-Dichloropropene	5.80	75	47984	19.123	ug/l	99
37) Ethyl Acetate	4.84	43	50164	19.524	ug/l	97
38) Carbon Tetrachloride	5.79	117	47944	18.336	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61635	18.941	ug/l	98
40) Benzene	6.15	78	152055	19.782	ug/l	99
41) Methacrylonitrile	5.04	41	26207	17.967	ug/l	96
42) 1,2-Dichloroethane	6.20	62	50954	19.066	ug/l	98
43) Isopropyl Acetate	6.45	43	79534	18.825	ug/l	99
44) Trichloroethene	7.21	130	42107	18.507	ug/l	88
45) 1,2-Dichloropropane	7.51	63	38336	19.596	ug/l	98
46) Dibromomethane	7.66	93	27456	19.641	ug/l	98
47) Bromodichloromethane	7.90	83	46106	18.528	ug/l	99
48) Methyl methacrylate	7.77	41	38259	18.589	ug/l	98
49) 1,4-Dioxane	7.74	88	21651	376.071	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	267467	97.661	ug/l	99
52) Toluene	8.78	92	98178	19.443	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	47027	17.576	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	54996	18.472	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41057	19.748	ug/l	97
56) Ethyl methacrylate	9.18	69	58426	19.212	ug/l	100
57) 1,3-Dichloropropane	9.37	76	63211	19.165	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	147410	101.540	ug/l	100
59) 2-Hexanone	9.49	43	208039	97.937	ug/l	100
60) Dibromochloromethane	9.58	129	39450	18.181	ug/l	99
61) 1,2-Dibromoethane	9.67	107	43270	19.611	ug/l	98
64) Tetrachloroethene	9.34	164	43788	19.924	ug/l	99
65) Chlorobenzene	10.14	112	109625	19.105	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	37484	18.587	ug/l	98
67) Ethyl Benzene	10.25	91	190000	19.454	ug/l	99
68) m/p-Xylenes	10.36	106	146617	39.135	ug/l	97
69) o-Xylene	10.69	106	70764	19.354	ug/l	98
70) Styrene	10.71	104	120033	19.693	ug/l	99
71) Bromoform	10.85	173	27621	16.825	ug/l #	98
73) Isopropylbenzene	11.02	105	190445	19.307	ug/l	99
74) N-amyl acetate	10.90	43	70618	18.736	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	61399	19.020	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	50267m	19.081	ug/l	
77) Bromobenzene	11.25	156	51319	18.861	ug/l	99
78) n-propylbenzene	11.36	91	209090	19.184	ug/l	100
79) 2-Chlorotoluene	11.42	91	124766	19.056	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	157331	19.088	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	14622	16.923	ug/l	89
82) 4-Chlorotoluene	11.51	91	144125	18.913	ug/l	99
83) tert-Butylbenzene	11.77	119	154502	19.083	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	160807	19.356	ug/l	99
85) sec-Butylbenzene	11.94	105	185236	19.526	ug/l	99
86) p-Isopropyltoluene	12.06	119	169283	19.302	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	89849	19.028	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	90682	18.725	ug/l	98
89) n-Butylbenzene	12.38	91	143455	19.119	ug/l	100
90) Hexachloroethane	12.59	117	23733	17.156	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	90249	19.285	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12170	18.035	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	60713	19.143	ug/l	99
94) Hexachlorobutadiene	13.78	225	29117	18.526	ug/l	98
95) Naphthalene	13.83	128	185659	19.824	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	61122	19.369	ug/l	98

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

