

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052919\
 Data File : VX009936.D
 Acq On : 29 May 2019 13:42
 Operator : JC/SP
 Sample : VX0529WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 9:54:27 AM

Quant Time: May 30 01:54:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	161820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	257498	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	233651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113690	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.50	113	80765	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	8.71	98	331847	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	118786	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	44017	22.260	ug/l	99
3) Chloromethane	1.32	50	54693	20.574	ug/l	98
4) Vinyl Chloride	1.41	62	48191	20.109	ug/l	98
5) Bromomethane	1.64	94	26644	18.351	ug/l	97
6) Chloroethane	1.72	64	27931	18.934	ug/l	98
7) Trichlorofluoromethane	1.93	101	54399	20.542	ug/l	98
8) Diethyl Ether	2.19	74	23167	18.616	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31855	19.924	ug/l	98
10) Methyl Iodide	2.51	142	34749	20.574	ug/l	99
11) Tert butyl alcohol	3.04	59	59099	105.056	ug/l	100
12) 1,1-Dichloroethene	2.37	96	32035	19.548	ug/l	94
13) Acrolein	2.29	56	34590	100.523	ug/l	100
14) Allyl chloride	2.73	41	78872	19.802	ug/l	99
15) Acrylonitrile	3.14	53	133922	98.803	ug/l	100
16) Acetone	2.45	43	125730	95.199	ug/l	99
17) Carbon Disulfide	2.57	76	96836	19.749	ug/l	98
18) Methyl Acetate	2.78	43	60643	19.733	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	119001	19.234	ug/l	99
20) Methylene Chloride	2.85	84	38624	19.097	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	34882	19.130	ug/l	96
22) Diisopropyl ether	3.85	45	153319	20.230	ug/l	98
23) Vinyl Acetate	3.82	43	683078	100.331	ug/l	100
24) 1,1-Dichloroethane	3.70	63	72476	19.734	ug/l	100
25) 2-Butanone	4.68	43	205143	99.698	ug/l	99
26) 2,2-Dichloropropane	4.59	77	50319	18.112	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	40194	19.096	ug/l	100
28) Bromochloromethane	5.02	49	34270	17.981	ug/l	98
29) Tetrahydrofuran	5.13	42	133305	101.028	ug/l	99
30) Chloroform	5.21	83	65285	19.710	ug/l	99
31) Cyclohexane	5.58	56	69663	20.026	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	53692	19.904	ug/l	99
36) 1,1-Dichloropropene	5.80	75	49897	19.098	ug/l	100
37) Ethyl Acetate	4.84	43	74721	20.526	ug/l	99
38) Carbon Tetrachloride	5.79	117	44169	19.564	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	61537	19.857	ug/l	99
40) Benzene	6.14	78	154613	19.950	ug/l	99
41) Methacrylonitrile	5.04	41	42469	19.965	ug/l	99
42) 1,2-Dichloroethane	6.20	62	56984	19.888	ug/l	99
43) Isopropyl Acetate	6.45	43	114611	19.512	ug/l	99
44) Trichloroethene	7.21	130	35972	19.108	ug/l	99
45) 1,2-Dichloropropane	7.51	63	44117	19.774	ug/l	100
46) Dibromomethane	7.66	93	24638	18.761	ug/l	100
47) Bromodichloromethane	7.90	83	49814	19.947	ug/l	97
48) Methyl methacrylate	7.77	41	56889	19.564	ug/l	100
49) 1,4-Dioxane	7.74	88	22579	417.455	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	389095	101.830	ug/l	100
52) Toluene	8.79	92	93956	19.967	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	55792	18.629	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	62340	19.104	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	37445	19.771	ug/l	98
56) Ethyl methacrylate	9.18	69	67730	20.087	ug/l	98
57) 1,3-Dichloropropane	9.37	76	67208	19.759	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	173785	98.289	ug/l	100
59) 2-Hexanone	9.49	43	305406	103.815	ug/l	99
60) Dibromochloromethane	9.58	129	36648	19.671	ug/l	100
61) 1,2-Dibromoethane	9.67	107	37536	19.291	ug/l	100
64) Tetrachloroethene	9.34	164	33847	20.739	ug/l	98
65) Chlorobenzene	10.14	112	95612	19.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	33455	19.719	ug/l	98
67) Ethyl Benzene	10.25	91	177630	20.225	ug/l	99
68) m/p-Xylenes	10.36	106	129543	39.925	ug/l	100
69) o-Xylene	10.69	106	62482	20.079	ug/l	100
70) Styrene	10.71	104	108185	19.827	ug/l	99
71) Bromoform	10.85	173	27002	19.471	ug/l #	98
73) Isopropylbenzene	11.02	105	169031	20.225	ug/l	99
74) N-amyl acetate	10.90	43	100420	20.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	62290	19.977	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	54613m	20.162	ug/l	
77) Bromobenzene	11.26	156	41583	19.523	ug/l	98
78) n-propylbenzene	11.36	91	195348	20.278	ug/l	99
79) 2-Chlorotoluene	11.42	91	116650	19.819	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	142507	20.240	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19701	17.995	ug/l	94
82) 4-Chlorotoluene	11.51	91	132779	19.379	ug/l	99
83) tert-Butylbenzene	11.77	119	133788	19.861	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	143618	20.085	ug/l	99
85) sec-Butylbenzene	11.94	105	161758	20.185	ug/l	100
86) p-Isopropyltoluene	12.06	119	146530	20.328	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	73409	19.359	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	74369	19.231	ug/l	100
89) n-Butylbenzene	12.38	91	134564	19.864	ug/l	99
90) Hexachloroethane	12.59	117	24349	19.683	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	74441	19.912	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14456	19.697	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51374	19.229	ug/l	99
94) Hexachlorobutadiene	13.78	225	26689	19.916	ug/l	98
95) Naphthalene	13.83	128	167545	20.152	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52840	19.758	ug/l	100

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

