

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042419\
 Data File : VX009138.D
 Acq On : 24 Apr 2019 12:27
 Operator : JC/SP
 Sample : VX0424WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/25/2019 12:34:21 PM

Quant Time: Apr 25 05:47:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	191639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	316422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127337	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	133847	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	5.49	113	98941	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	8.71	98	390670	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.13	95	134245	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46389	21.016	ug/l	98
3) Chloromethane	1.32	50	54306	20.040	ug/l	99
4) Vinyl Chloride	1.41	62	54604	20.703	ug/l	99
5) Bromomethane	1.64	94	32195	21.841	ug/l	97
6) Chloroethane	1.72	64	32864	21.190	ug/l	96
7) Trichlorofluoromethane	1.93	101	64926	21.084	ug/l	99
8) Diethyl Ether	2.19	74	30004	21.305	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40845	20.745	ug/l	99
10) Methyl Iodide	2.51	142	38260	20.618	ug/l	100
11) Tert butyl alcohol	3.05	59	64920	108.292	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42260	20.563	ug/l	98
13) Acrolein	2.29	56	37676	72.736	ug/l	98
14) Allyl chloride	2.73	41	97820	21.817	ug/l	99
15) Acrylonitrile	3.14	53	165297	108.619	ug/l	100
16) Acetone	2.45	43	152676	109.012	ug/l	99
17) Carbon Disulfide	2.57	76	121121	20.806	ug/l	99
18) Methyl Acetate	2.78	43	77203	22.087	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	158011	21.579	ug/l	99
20) Methylene Chloride	2.85	84	48818	20.383	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	44884	20.476	ug/l	90
22) Diisopropyl ether	3.85	45	192690	22.117	ug/l	98
23) Vinyl Acetate	3.81	43	858446	112.089	ug/l	98
24) 1,1-Dichloroethane	3.70	63	92736	21.204	ug/l	99
25) 2-Butanone	4.67	43	251393	112.296	ug/l	99
26) 2,2-Dichloropropane	4.59	77	68806	20.988	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	51872	20.843	ug/l	97
28) Bromochloromethane	5.01	49	45015	23.768	ug/l	99
29) Tetrahydrofuran	5.13	42	163546	109.148	ug/l	99
30) Chloroform	5.21	83	85452	21.834	ug/l	100
31) Cyclohexane	5.58	56	91173	21.195	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	69199	21.334	ug/l	99
36) 1,1-Dichloropropene	5.80	75	66040	20.180	ug/l	99
37) Ethyl Acetate	4.84	43	92785	22.034	ug/l	99
38) Carbon Tetrachloride	5.78	117	58213	20.983	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81513	20.458	ug/l	99
40) Benzene	6.14	78	201782	20.901	ug/l	100
41) Methacrylonitrile	5.04	41	51940	21.491	ug/l	99
42) 1,2-Dichloroethane	6.19	62	72336	21.152	ug/l	100
43) Isopropyl Acetate	6.45	43	144936	21.358	ug/l	99
44) Trichloroethene	7.21	130	47730	20.178	ug/l	98
45) 1,2-Dichloropropane	7.51	63	57363	21.418	ug/l	99
46) Dibromomethane	7.66	93	32380	20.774	ug/l	99
47) Bromodichloromethane	7.90	83	63892	20.899	ug/l	98
48) Methyl methacrylate	7.77	41	71660	21.372	ug/l	99
49) 1,4-Dioxane	7.74	88	26182	417.191	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	471688	109.107	ug/l	99
52) Toluene	8.78	92	118296	20.446	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	72167	20.511	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	81501	20.688	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48432	21.121	ug/l	99
56) Ethyl methacrylate	9.18	69	85025	20.679	ug/l	99
57) 1,3-Dichloropropane	9.37	76	86509	21.188	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	215460	97.309	ug/l	99
59) 2-Hexanone	9.49	43	362051	108.624	ug/l	98
60) Dibromochloromethane	9.58	129	46997	21.384	ug/l	98
61) 1,2-Dibromoethane	9.67	107	49923	21.094	ug/l	100
64) Tetrachloroethene	9.34	164	42470	20.481	ug/l	97
65) Chlorobenzene	10.13	112	118284	20.530	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	43242	21.305	ug/l	100
67) Ethyl Benzene	10.25	91	220028	20.891	ug/l	99
68) m/p-Xylenes	10.36	106	159021	41.545	ug/l	99
69) o-Xylene	10.69	106	77928	20.924	ug/l	99
70) Styrene	10.71	104	132804	20.577	ug/l	99
71) Bromoform	10.85	173	33782	20.892	ug/l #	100
73) Isopropylbenzene	11.02	105	207724	21.521	ug/l	100
74) N-amyl acetate	10.90	43	119441	21.552	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	76995	21.832	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	67115m	21.585	ug/l	
77) Bromobenzene	11.26	156	50383	20.689	ug/l	98
78) n-propylbenzene	11.36	91	236233	21.324	ug/l	100
79) 2-Chlorotoluene	11.42	91	140569	21.056	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	173160	21.379	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24671	20.370	ug/l	94
82) 4-Chlorotoluene	11.51	91	160597	20.714	ug/l	100
83) tert-Butylbenzene	11.77	119	165540	21.288	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	174694	21.189	ug/l	100
85) sec-Butylbenzene	11.94	105	198097	21.359	ug/l	100
86) p-Isopropyltoluene	12.06	119	178937	20.985	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	87927	20.629	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	86808	20.091	ug/l	99
89) n-Butylbenzene	12.38	91	164646	20.733	ug/l	99
90) Hexachloroethane	12.60	117	29984	21.318	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	87010	20.673	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16719	20.822	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	60768	20.001	ug/l	100
94) Hexachlorobutadiene	13.78	225	30802	20.327	ug/l	99
95) Naphthalene	13.83	128	200460	20.594	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	60826	20.291	ug/l	99

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

