

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010419\
 Data File : VX006919.D
 Acq On : 04 Jan 2019 17:51
 Operator : JC/MD
 Sample : VX0104WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0104WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/7/2019 12:28:54 PM

Quant Time: Jan 04 23:05:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	508320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	766109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	679484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	342404	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	270332	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
35) Dibromofluoromethane	5.50	113	244176	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	8.71	98	883631	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.13	95	311492	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69662	14.980	ug/l	97
3) Chloromethane	1.33	50	82007	16.369	ug/l	97
4) Vinyl Chloride	1.41	62	89484	17.102	ug/l	98
5) Bromomethane	1.64	94	89833	17.138	ug/l	99
6) Chloroethane	1.71	64	59603	16.451	ug/l	95
7) Trichlorofluoromethane	1.93	101	150564	18.457	ug/l	97
8) Diethyl Ether	2.19	74	63029	19.452	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90783	18.953	ug/l	100
10) Methyl Iodide	2.51	142	109373	15.952	ug/l	99
11) Tert butyl alcohol	3.08	59	131325	107.411	ug/l	97
12) 1,1-Dichloroethene	2.37	96	83034	18.283	ug/l	96
13) Acrolein	2.30	56	72933	88.425	ug/l	100
14) Allyl chloride	2.73	41	145436	19.024	ug/l	97
15) Acrylonitrile	3.15	53	284751	104.894	ug/l	99
16) Acetone	2.45	43	240798	95.670	ug/l	97
17) Carbon Disulfide	2.57	76	158050	13.150	ug/l	98
18) Methyl Acetate	2.78	43	197221	26.648	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	322827	21.416	ug/l	100
20) Methylene Chloride	2.86	84	100105	19.234	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	88824	17.651	ug/l	96
22) Diisopropyl ether	3.87	45	294029	21.024	ug/l	97
23) Vinyl Acetate	3.82	43	1170754	102.341	ug/l	99
24) 1,1-Dichloroethane	3.70	63	157802	18.901	ug/l	98
25) 2-Butanone	4.70	43	360710	101.883	ug/l	100
26) 2,2-Dichloropropane	4.59	77	108547	16.831	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	106942	19.262	ug/l	98
28) Bromochloromethane	5.01	49	73772	19.844	ug/l	94
29) Tetrahydrofuran	5.15	42	242258	103.891	ug/l	97
30) Chloroform	5.21	83	173067	20.018	ug/l	100
31) Cyclohexane	5.57	56	126219	16.641	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	137812	18.878	ug/l	98
36) 1,1-Dichloropropene	5.80	75	114948	18.116	ug/l	99
37) Ethyl Acetate	4.85	43	137932	20.886	ug/l	99
38) Carbon Tetrachloride	5.78	117	115360	18.708	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	133908	16.030	ug/l	99
40) Benzene	6.14	78	377325	19.564	ug/l	100
41) Methacrylonitrile	5.06	41	76380	21.784	ug/l	97
42) 1,2-Dichloroethane	6.20	62	129957	19.774	ug/l	99
43) Isopropyl Acetate	6.46	43	214596	21.356	ug/l	99
44) Trichloroethene	7.21	130	105403	18.056	ug/l	99
45) 1,2-Dichloropropane	7.51	63	97670	20.810	ug/l	96
46) Dibromomethane	7.66	93	68242	19.767	ug/l	100
47) Bromodichloromethane	7.90	83	111505	19.454	ug/l	98
48) Methyl methacrylate	7.77	41	110325	21.590	ug/l	97
49) 1,4-Dioxane	7.75	88	54554	396.028	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	691074	108.089	ug/l	99
52) Toluene	8.79	92	238594	19.148	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	116523	18.956	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	131217	19.454	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105128	20.612	ug/l	97
56) Ethyl methacrylate	9.18	69	147617	20.478	ug/l	96
57) 1,3-Dichloropropane	9.37	76	166290	20.265	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	381814	99.643	ug/l	100
59) 2-Hexanone	9.49	43	519606	106.219	ug/l	98
60) Dibromochloromethane	9.58	129	95355	19.369	ug/l	98
61) 1,2-Dibromoethane	9.67	107	108544	20.020	ug/l	99
64) Tetrachloroethene	9.34	164	100780	18.731	ug/l	95
65) Chlorobenzene	10.14	112	278377	19.365	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	94842	21.147	ug/l	99
67) Ethyl Benzene	10.25	91	445610	18.970	ug/l	100
68) m/p-Xylenes	10.36	106	349764	37.735	ug/l	99
69) o-Xylene	10.70	106	175083	19.129	ug/l	99
70) Styrene	10.71	104	278707	19.247	ug/l	100
71) Bromoform	10.86	173	65924	19.302	ug/l #	98
73) Isopropylbenzene	11.02	105	463244	19.776	ug/l	100
74) N-amyl acetate	10.90	43	187144	22.320	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	152738	21.925	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	137570m	21.619	ug/l	
77) Bromobenzene	11.26	156	125106	19.755	ug/l	98
78) n-propylbenzene	11.36	91	498612	19.330	ug/l	100
79) 2-Chlorotoluene	11.42	91	304259	19.464	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	379247	19.656	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	31959	18.223	ug/l	89
82) 4-Chlorotoluene	11.51	91	345765	19.283	ug/l	100
83) tert-Butylbenzene	11.77	119	378138	19.582	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	387638	19.101	ug/l	100
85) sec-Butylbenzene	11.94	105	450201	19.016	ug/l	99
86) p-Isopropyltoluene	12.06	119	403968	19.411	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	221002	19.363	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	219291	18.742	ug/l	98
89) n-Butylbenzene	12.39	91	329295	18.592	ug/l	100
90) Hexachloroethane	12.60	117	54682	18.976	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	223161	19.546	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28361	19.675	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	148680	18.878	ug/l	99
94) Hexachlorobutadiene	13.78	225	64156	17.283	ug/l	99
95) Naphthalene	13.83	128	472735	18.807	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	151419	18.621	ug/l	98

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

