

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011419\
 Data File : VX007041.D
 Acq On : 14 Jan 2019 16:02
 Operator : JC/SP
 Sample : VX0114WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/15/2019 11:13:16 AM

Quant Time: Jan 15 00:24:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	526984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	783941	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	705933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	361111	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	270496	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	5.51	113	243378	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	8.71	98	904869	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.13	95	326642	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	90563	20.927	ug/l	98
3) Chloromethane	1.33	50	100925	20.033	ug/l	98
4) Vinyl Chloride	1.41	62	110692	20.426	ug/l	100
5) Bromomethane	1.64	94	114818	19.831	ug/l	96
6) Chloroethane	1.72	64	70094	18.524	ug/l	98
7) Trichlorofluoromethane	1.93	101	170797	19.506	ug/l	100
8) Diethyl Ether	2.19	74	66485	19.085	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98308	18.753	ug/l	99
10) Methyl Iodide	2.51	142	145403	20.562	ug/l	100
11) Tert butyl alcohol	3.07	59	135003	103.915	ug/l	99
12) 1,1-Dichloroethene	2.37	96	93095	19.221	ug/l	96
13) Acrolein	2.29	56	54379	98.939	ug/l	98
14) Allyl chloride	2.73	41	163987	19.756	ug/l	97
15) Acrylonitrile	3.15	53	296396	99.381	ug/l	98
16) Acetone	2.45	43	262315	96.344	ug/l	99
17) Carbon Disulfide	2.57	76	224000	17.963	ug/l	99
18) Methyl Acetate	2.78	43	161098	20.432	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	334385	19.891	ug/l	98
20) Methylene Chloride	2.85	84	109877	20.888	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	99794	18.489	ug/l	96
22) Diisopropyl ether	3.87	45	300650	19.266	ug/l	99
23) Vinyl Acetate	3.82	43	1251947	95.132	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167588	19.206	ug/l	99
25) 2-Butanone	4.70	43	384149	98.606	ug/l	99
26) 2,2-Dichloropropane	4.58	77	115265	17.179	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	112585	18.911	ug/l	98
28) Bromochloromethane	5.02	49	75265	19.687	ug/l	96
29) Tetrahydrofuran	5.16	42	242823	95.910	ug/l	100
30) Chloroform	5.21	83	176877	19.361	ug/l	99
31) Cyclohexane	5.57	56	145362	18.717	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	147794	19.086	ug/l	98
36) 1,1-Dichloropropene	5.80	75	125963	18.481	ug/l	99
37) Ethyl Acetate	4.85	43	142250	19.467	ug/l	98
38) Carbon Tetrachloride	5.79	117	126052	18.382	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	154076	17.732	ug/l	97
40) Benzene	6.15	78	395728	19.028	ug/l	100
41) Methacrylonitrile	5.06	41	78847	18.731	ug/l	99
42) 1,2-Dichloroethane	6.20	62	136583	19.005	ug/l	100
43) Isopropyl Acetate	6.46	43	223505	19.392	ug/l	99
44) Trichloroethene	7.21	130	114090	18.307	ug/l	99
45) 1,2-Dichloropropane	7.52	63	99475	19.026	ug/l	96
46) Dibromomethane	7.66	93	70372	19.151	ug/l	97
47) Bromodichloromethane	7.90	83	116505	18.627	ug/l	98
48) Methyl methacrylate	7.77	41	115884	19.578	ug/l	97
49) 1,4-Dioxane	7.75	88	54434	397.533	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	754011	101.794	ug/l	99
52) Toluene	8.78	92	257922	19.296	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	129138	18.620	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	144656	18.887	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	107093	20.016	ug/l	95
56) Ethyl methacrylate	9.18	69	156990	20.099	ug/l	96
57) 1,3-Dichloropropane	9.37	76	169588	19.348	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	395005	98.360	ug/l	100
59) 2-Hexanone	9.49	43	577495	102.307	ug/l	99
60) Dibromochloromethane	9.59	129	101917	19.617	ug/l	98
61) 1,2-Dibromoethane	9.67	107	114381	19.419	ug/l	100
64) Tetrachloroethene	9.34	164	118120	19.327	ug/l	94
65) Chlorobenzene	10.14	112	301539	19.585	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	101974	19.688	ug/l	100
67) Ethyl Benzene	10.25	91	485578	19.104	ug/l	99
68) m/p-Xylenes	10.36	106	381787	38.124	ug/l	99
69) o-Xylene	10.70	106	188872	19.339	ug/l	97
70) Styrene	10.71	104	302923	19.584	ug/l	99
71) Bromoform	10.86	173	74858	19.354	ug/l #	99
73) Isopropylbenzene	11.02	105	496415	19.495	ug/l	99
74) N-amyl acetate	10.90	43	202464	19.749	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	157936	19.537	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	149288m	20.401	ug/l	
77) Bromobenzene	11.26	156	137851	19.648	ug/l	100
78) n-propylbenzene	11.36	91	548556	19.624	ug/l	100
79) 2-Chlorotoluene	11.42	91	330211	19.624	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	411229	19.328	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	37356	18.023	ug/l	94
82) 4-Chlorotoluene	11.51	91	378270	19.416	ug/l	99
83) tert-Butylbenzene	11.77	119	419135	19.744	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	424338	19.833	ug/l	99
85) sec-Butylbenzene	11.94	105	501917	19.798	ug/l	99
86) p-Isopropyltoluene	12.06	119	441234	19.457	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	243809	19.225	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	244197	20.410	ug/l	97
89) n-Butylbenzene	12.38	91	371523	19.219	ug/l	97
90) Hexachloroethane	12.60	117	61525	18.915	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	241934	19.332	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31536	19.725	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	162307	18.904	ug/l	99
94) Hexachlorobutadiene	13.78	225	75785	19.890	ug/l	98
95) Naphthalene	13.83	128	507881	19.521	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	162255	19.023	ug/l	99

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

