

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011019\
 Data File : VX006987.D
 Acq On : 10 Jan 2019 14:01
 Operator : JC/MD
 Sample : VX0110WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 11:42:31 AM

Quant Time: Jan 11 07:40:36 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	522176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	788878	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	709896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	354049	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	280183	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
35) Dibromofluoromethane	5.51	113	248440	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	8.71	98	929598	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	322149	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	95614	22.298	ug/l	100
3) Chloromethane	1.33	50	103818	20.797	ug/l	97
4) Vinyl Chloride	1.41	62	108586	20.222	ug/l	99
5) Bromomethane	1.64	94	114434	19.946	ug/l	98
6) Chloroethane	1.72	64	70846	18.895	ug/l	97
7) Trichlorofluoromethane	1.93	101	175695	20.250	ug/l	97
8) Diethyl Ether	2.19	74	67908	19.673	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	102644	19.760	ug/l	98
10) Methyl Iodide	2.51	142	139107	19.853	ug/l	100
11) Tert butyl alcohol	3.07	59	138019	107.215	ug/l	100
12) 1,1-Dichloroethene	2.37	96	95700	19.941	ug/l	98
13) Acrolein	2.30	56	49085	90.403	ug/l	94
14) Allyl chloride	2.73	41	162993	19.817	ug/l	97
15) Acrylonitrile	3.15	53	310487	105.064	ug/l	99
16) Acetone	2.45	43	279484	103.595	ug/l	98
17) Carbon Disulfide	2.57	76	224956	18.206	ug/l	97
18) Methyl Acetate	2.78	43	163578	20.937	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	339585	20.386	ug/l	98
20) Methylene Chloride	2.85	84	111560	21.417	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	103878	19.423	ug/l	98
22) Diisopropyl ether	3.87	45	313686	20.287	ug/l	98
23) Vinyl Acetate	3.82	43	1300317	99.717	ug/l	100
24) 1,1-Dichloroethane	3.70	63	174708	20.206	ug/l	99
25) 2-Butanone	4.70	43	411408	106.576	ug/l	100
26) 2,2-Dichloropropane	4.58	77	119756	18.012	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	116045	19.671	ug/l	99
28) Bromochloromethane	5.02	49	78624	20.755	ug/l	97
29) Tetrahydrofuran	5.15	42	265277	105.744	ug/l	98
30) Chloroform	5.22	83	184024	20.328	ug/l	99
31) Cyclohexane	5.57	56	155426	20.197	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	150678	19.637	ug/l	97
36) 1,1-Dichloropropene	5.80	75	132523	19.322	ug/l	99
37) Ethyl Acetate	4.85	43	151037	20.541	ug/l	98
38) Carbon Tetrachloride	5.79	117	127922	18.538	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165008	18.872	ug/l	98
40) Benzene	6.14	78	413918	19.778	ug/l	97
41) Methacrylonitrile	5.06	41	83594	19.734	ug/l	98
42) 1,2-Dichloroethane	6.20	62	141302	19.539	ug/l	99
43) Isopropyl Acetate	6.46	43	232509	20.046	ug/l	98
44) Trichloroethene	7.21	130	121300	19.342	ug/l	94
45) 1,2-Dichloropropane	7.52	63	103174	19.610	ug/l	99
46) Dibromomethane	7.66	93	72471	19.599	ug/l	99
47) Bromodichloromethane	7.90	83	121241	19.263	ug/l	98
48) Methyl methacrylate	7.77	41	115809	19.443	ug/l	98
49) 1,4-Dioxane	7.76	88	60109	437.073	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	782505	104.979	ug/l	99
52) Toluene	8.78	92	262549	19.519	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	129079	18.495	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	148169	19.224	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	112254	20.850	ug/l	97
56) Ethyl methacrylate	9.18	69	159480	20.290	ug/l	96
57) 1,3-Dichloropropane	9.37	76	179032	20.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	389104	96.284	ug/l	99
59) 2-Hexanone	9.49	43	588815	103.659	ug/l	99
60) Dibromochloromethane	9.59	129	104207	19.933	ug/l	98
61) 1,2-Dibromoethane	9.67	107	118522	19.996	ug/l	100
64) Tetrachloroethene	9.34	164	120005	19.525	ug/l	98
65) Chlorobenzene	10.14	112	304222	19.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	102588	19.696	ug/l	99
67) Ethyl Benzene	10.25	91	496854	19.438	ug/l	100
68) m/p-Xylenes	10.36	106	390121	38.739	ug/l	98
69) o-Xylene	10.70	106	190706	19.417	ug/l	98
70) Styrene	10.71	104	304379	19.568	ug/l	99
71) Bromoform	10.86	173	72507	18.816	ug/l #	99
73) Isopropylbenzene	11.02	105	507980	20.347	ug/l	100
74) N-amyl acetate	10.90	43	200901	19.987	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	161768	20.411	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	149780m	20.876	ug/l	
77) Bromobenzene	11.26	156	138900	20.192	ug/l	99
78) n-propylbenzene	11.36	91	557863	20.355	ug/l	99
79) 2-Chlorotoluene	11.42	91	329145	19.951	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	415931	19.939	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35993	17.777	ug/l	90
82) 4-Chlorotoluene	11.51	91	376188	19.694	ug/l	99
83) tert-Butylbenzene	11.77	119	407547	19.581	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	433292	20.656	ug/l	100
85) sec-Butylbenzene	11.94	105	504112	20.281	ug/l	99
86) p-Isopropyltoluene	12.07	119	447091	20.109	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	239783	19.285	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	240759	20.523	ug/l	99
89) n-Butylbenzene	12.39	91	368911	19.464	ug/l	99
90) Hexachloroethane	12.60	117	59866	18.794	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	241717	19.700	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31902	20.352	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159014	18.889	ug/l	99
94) Hexachlorobutadiene	13.78	225	70516	18.876	ug/l	100
95) Naphthalene	13.83	128	506339	19.850	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	160043	19.138	ug/l	98

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

