

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
 Data File : VX008046.D
 Acq On : 13 Mar 2019 13:58
 Operator : JC/SP
 Sample : VX0313WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/14/2019 10:17:55 AM

Quant Time: Mar 14 04:23:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	229726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340232	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	146946	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	117672	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	5.50	113	104953	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	8.71	98	395093	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.13	95	140034	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37008	18.856	ug/l	99
3) Chloromethane	1.33	50	50424	19.936	ug/l	100
4) Vinyl Chloride	1.41	62	51708	20.575	ug/l	99
5) Bromomethane	1.64	94	26998	22.266	ug/l	98
6) Chloroethane	1.73	64	32038	19.190	ug/l	98
7) Trichlorofluoromethane	1.93	101	61178	18.697	ug/l	100
8) Diethyl Ether	2.19	74	28034	19.785	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38690	19.081	ug/l	99
10) Methyl Iodide	2.51	142	59965	20.846	ug/l	97
11) Tert butyl alcohol	3.07	59	55648	102.681	ug/l	100
12) 1,1-Dichloroethene	2.38	96	38303	19.597	ug/l	93
13) Acrolein	2.30	56	24303	80.294	ug/l	100
14) Allyl chloride	2.73	41	73591	17.918	ug/l	99
15) Acrylonitrile	3.15	53	133466	97.567	ug/l	99
16) Acetone	2.45	43	107532	76.662	ug/l	98
17) Carbon Disulfide	2.57	76	107085	17.752	ug/l	99
18) Methyl Acetate	2.78	43	60923	20.445	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	137360	20.428	ug/l	100
20) Methylene Chloride	2.86	84	43868	19.651	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	41300	19.204	ug/l	95
22) Diisopropyl ether	3.87	45	156842	20.833	ug/l	98
23) Vinyl Acetate	3.82	43	654699	99.165	ug/l	100
24) 1,1-Dichloroethane	3.70	63	83055	20.499	ug/l	99
25) 2-Butanone	4.70	43	193368	97.374	ug/l	99
26) 2,2-Dichloropropane	4.59	77	51365	19.136	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	50255	20.421	ug/l	98
28) Bromochloromethane	5.02	49	36120	19.123	ug/l	97
29) Tetrahydrofuran	5.15	42	128345	103.614	ug/l	98
30) Chloroform	5.21	83	80088	20.897	ug/l	97
31) Cyclohexane	5.57	56	73637	19.775	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	66498	20.912	ug/l	98
36) 1,1-Dichloropropene	5.80	75	60896	19.767	ug/l	99
37) Ethyl Acetate	4.85	43	71381	19.525	ug/l	99
38) Carbon Tetrachloride	5.78	117	56208	19.218	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	71798	19.233	ug/l	99
40) Benzene	6.15	78	187719	20.468	ug/l	99
41) Methacrylonitrile	5.06	41	40716	20.428	ug/l	99
42) 1,2-Dichloroethane	6.20	62	60751	20.255	ug/l	99
43) Isopropyl Acetate	6.46	43	109951	20.321	ug/l	99
44) Trichloroethene	7.21	130	51570	20.404	ug/l	98
45) 1,2-Dichloropropane	7.52	63	49590	20.472	ug/l	99
46) Dibromomethane	7.66	93	31151	20.320	ug/l	98
47) Bromodichloromethane	7.90	83	56686	19.503	ug/l	99
48) Methyl methacrylate	7.77	41	57607	20.251	ug/l	98
49) 1,4-Dioxane	7.75	88	25363	434.033	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	367029	105.481	ug/l	99
52) Toluene	8.79	92	115891	20.697	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61095	20.139	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	69007	20.144	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48537	21.413	ug/l	99
56) Ethyl methacrylate	9.18	69	74041	21.755	ug/l	97
57) 1,3-Dichloropropane	9.37	76	80579	21.172	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	173244	98.408	ug/l	99
59) 2-Hexanone	9.49	43	276308	102.281	ug/l	99
60) Dibromochloromethane	9.58	129	47710	20.137	ug/l	99
61) 1,2-Dibromoethane	9.67	107	50325	20.911	ug/l	100
64) Tetrachloroethene	9.33	164	51867	20.894	ug/l	98
65) Chlorobenzene	10.14	112	128440	20.490	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	45993	20.472	ug/l	99
67) Ethyl Benzene	10.25	91	214582	20.796	ug/l	100
68) m/p-Xylenes	10.36	106	165395	41.585	ug/l	100
69) o-Xylene	10.70	106	80436	20.948	ug/l	100
70) Styrene	10.71	104	132019	21.011	ug/l	100
71) Bromoform	10.86	173	36987	19.171	ug/l	99
73) Isopropylbenzene	11.02	105	216020	21.736	ug/l	100
74) N-amyl acetate	10.90	43	93968	20.711	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	71165	20.760	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	69540m	22.552	ug/l	
77) Bromobenzene	11.26	156	57531	21.115	ug/l	99
78) n-propylbenzene	11.36	91	233462	21.175	ug/l	100
79) 2-Chlorotoluene	11.42	91	141987	21.063	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	176966	21.635	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18561	19.241	ug/l	95
82) 4-Chlorotoluene	11.51	91	161188	20.865	ug/l	100
83) tert-Butylbenzene	11.77	119	173660	21.077	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	182082	21.715	ug/l	100
85) sec-Butylbenzene	11.94	105	208807	21.518	ug/l	99
86) p-Isopropyltoluene	12.06	119	188389	21.677	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	100003	20.746	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	99246	20.104	ug/l	98
89) n-Butylbenzene	12.39	91	151437	20.568	ug/l	99
90) Hexachloroethane	12.60	117	28838	19.847	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	100616	21.011	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13918	19.427	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	68903	20.482	ug/l	99
94) Hexachlorobutadiene	13.78	225	37007	21.041	ug/l	99
95) Naphthalene	13.83	128	206487	21.303	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	68655	20.487	ug/l	98

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

