

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011322.D
 Acq On : 05 Aug 2019 11:37
 Operator : JC/SP
 Sample : VX0805WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0805WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/6/2019 4:48:38 PM

Quant Time: Aug 06 03:17:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	231116	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	214474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114068	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	84548	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
35) Dibromofluoromethane	5.49	113	78306	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	8.71	98	293658	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.13	95	103868	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	23328	18.621	ug/l	97
3) Chloromethane	1.32	50	26212	18.632	ug/l	100
4) Vinyl Chloride	1.40	62	29285	18.924	ug/l	98
5) Bromomethane	1.63	94	21695	19.657	ug/l	94
6) Chloroethane	1.71	64	20766	20.110	ug/l	98
7) Trichlorofluoromethane	1.92	101	52890	19.222	ug/l	96
8) Diethyl Ether	2.18	74	17875	18.193	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	28942	19.440	ug/l	97
10) Methyl Iodide	2.50	142	26604	14.174	ug/l	99
11) Tert butyl alcohol	3.03	59	31952	98.108	ug/l	99
12) 1,1-Dichloroethene	2.37	96	28119	19.053	ug/l	97
13) Acrolein	2.28	56	16312	80.295	ug/l	97
14) Allyl chloride	2.72	41	38997	19.821	ug/l	98
15) Acrylonitrile	3.13	53	75025	96.520	ug/l	100
16) Acetone	2.43	43	71815	92.366	ug/l	98
17) Carbon Disulfide	2.56	76	65807	19.002	ug/l	100
18) Methyl Acetate	2.76	43	33555	18.885	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	84145	19.348	ug/l	100
20) Methylene Chloride	2.85	84	30751	18.059	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	29788	19.081	ug/l	99
22) Diisopropyl ether	3.84	45	83054	19.207	ug/l	92
23) Vinyl Acetate	3.81	43	360551	100.532	ug/l	99
24) 1,1-Dichloroethane	3.68	63	49583	19.446	ug/l	98
25) 2-Butanone	4.66	43	104198	94.211	ug/l	98
26) 2,2-Dichloropropane	4.57	77	39389	19.873	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	34083	18.954	ug/l	99
28) Bromochloromethane	5.01	49	21861	18.807	ug/l	97
29) Tetrahydrofuran	5.12	42	64180	94.641	ug/l	99
30) Chloroform	5.20	83	53749	19.395	ug/l	99
31) Cyclohexane	5.57	56	39643	18.845	ug/l	94
32) 1,1,1-Trichloroethane	5.48	97	46455	19.569	ug/l	99
36) 1,1-Dichloropropene	5.79	75	38531	19.095	ug/l	100
37) Ethyl Acetate	4.82	43	39148	19.341	ug/l	98
38) Carbon Tetrachloride	5.77	117	39980	19.694	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	44750	18.709	ug/l	98
40) Benzene	6.13	78	118105	19.614	ug/l	96
41) Methacrylonitrile	5.03	41	19805	17.917	ug/l	94
42) 1,2-Dichloroethane	6.18	62	41054	20.163	ug/l	97
43) Isopropyl Acetate	6.43	43	61510	19.008	ug/l	99
44) Trichloroethene	7.21	130	34045	18.679	ug/l	99
45) 1,2-Dichloropropane	7.51	63	29773	19.092	ug/l	97
46) Dibromomethane	7.66	93	21919	19.254	ug/l	98
47) Bromodichloromethane	7.89	83	38606	20.030	ug/l	97
48) Methyl methacrylate	7.76	41	28460	18.688	ug/l	98
49) 1,4-Dioxane	7.73	88	16042	363.348	ug/l	92
51) 4-Methyl-2-Pentanone	8.63	43	204430	97.888	ug/l	100
52) Toluene	8.78	92	77951	19.580	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	40340	19.790	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	44915	19.949	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	31916	19.498	ug/l	96
56) Ethyl methacrylate	9.17	69	44672	19.151	ug/l	99
57) 1,3-Dichloropropane	9.37	76	50116	19.359	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	106119	92.523	ug/l	99
59) 2-Hexanone	9.49	43	160132	98.994	ug/l	98
60) Dibromochloromethane	9.58	129	33447	19.958	ug/l	100
61) 1,2-Dibromoethane	9.66	107	34740	19.644	ug/l	98
64) Tetrachloroethene	9.33	164	35215	19.334	ug/l	96
65) Chlorobenzene	10.13	112	87502	19.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	31854	20.233	ug/l	99
67) Ethyl Benzene	10.25	91	148477	19.279	ug/l	100
68) m/p-Xylenes	10.35	106	117012	39.280	ug/l	100
69) o-Xylene	10.69	106	55991	19.130	ug/l	99
70) Styrene	10.71	104	94772	19.569	ug/l	99
71) Bromoform	10.85	173	24208	19.058	ug/l #	98
73) Isopropylbenzene	11.01	105	152202	19.509	ug/l	100
74) N-amyl acetate	10.90	43	55503	19.690	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	50087	19.266	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	41673m	20.061	ug/l	
77) Bromobenzene	11.25	156	40899	18.906	ug/l	98
78) n-propylbenzene	11.35	91	170039	19.599	ug/l	100
79) 2-Chlorotoluene	11.42	91	99865	19.313	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	126669	19.396	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	13242	20.008	ug/l	96
82) 4-Chlorotoluene	11.51	91	113144	18.775	ug/l	99
83) tert-Butylbenzene	11.77	119	124794	19.484	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	125746	19.339	ug/l	98
85) sec-Butylbenzene	11.94	105	148044	19.238	ug/l	99
86) p-Isopropyltoluene	12.06	119	139072	19.644	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74049	19.373	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74797	18.977	ug/l	99
89) n-Butylbenzene	12.38	91	116741	19.140	ug/l	100
90) Hexachloroethane	12.59	117	20349	19.442	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	73966	19.259	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	9812	19.480	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	48359	18.986	ug/l	99
94) Hexachlorobutadiene	13.78	225	25898	20.041	ug/l	98
95) Naphthalene	13.83	128	141575	19.007	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48736	18.822	ug/l	98

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

