

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011269.D
 Acq On : 01 Aug 2019 19:43
 Operator : JC/SP
 Sample : VX0801WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:05:07 AM

Quant Time: Aug 02 02:21:53 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	5.66	168	159544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	237024	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	216412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110795	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	75857	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
35) Dibromofluoromethane	5.49	113	72736	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
50) Toluene-d8	8.71	98	276037	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.13	95	94468	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	22567	18.314	ug/l 98
3) Chloromethane	1.32	50	25651	18.537	ug/l 99
4) Vinyl Chloride	1.40	62	27963	18.371	ug/l 98
5) Bromomethane	1.63	94	23445	21.597	ug/l 97
6) Chloroethane	1.71	64	19317	18.868	ug/l 99
7) Trichlorofluoromethane	1.92	101	49731	18.375	ug/l 96
8) Diethyl Ether	2.18	74	18350	18.988	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26082	17.811	ug/l 98
10) Methyl Iodide	2.50	142	27544	14.919	ug/l 99
11) Tert butyl alcohol	3.04	59	32333	100.932	ug/l 100
12) 1,1-Dichloroethene	2.37	96	26460	18.228	ug/l 97
13) Acrolein	2.29	56	18215	91.215	ug/l 99
14) Allyl chloride	2.72	41	35634	18.414	ug/l 99
15) Acrylonitrile	3.14	53	72235	94.480	ug/l 98
16) Acetone	2.43	43	60647	79.303	ug/l 100
17) Carbon Disulfide	2.56	76	61901	18.172	ug/l 99
18) Methyl Acetate	2.76	43	32159	18.401	ug/l 100
19) Methyl tert-butyl Ether	3.19	73	80487	18.815	ug/l 99
20) Methylene Chloride	2.85	84	29991	17.907	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	28011	18.242	ug/l 94
22) Diisopropyl ether	3.85	45	78215	18.390	ug/l 98
23) Vinyl Acetate	3.81	43	332911	94.373	ug/l 99
24) 1,1-Dichloroethane	3.68	63	45939	18.317	ug/l 99
25) 2-Butanone	4.67	43	97630	89.745	ug/l 97
26) 2,2-Dichloropropane	4.57	77	32274	16.555	ug/l 99
27) cis-1,2-Dichloroethene	4.59	96	32994	18.655	ug/l 97
28) Bromochloromethane	5.01	49	20896	18.276	ug/l 98
29) Tetrahydrofuran	5.13	42	61451	92.127	ug/l 98
30) Chloroform	5.21	83	49942	18.322	ug/l 97
31) Cyclohexane	5.57	56	38362	18.541	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	42243	18.091	ug/l 98
36) 1,1-Dichloropropene	5.79	75	36097	17.443	ug/l 98
37) Ethyl Acetate	4.82	43	37350	17.993	ug/l 99
38) Carbon Tetrachloride	5.78	117	36931	17.738	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	42034	17.136	ug/l	97
40) Benzene	6.14	78	113464	18.374	ug/l	100
41) Methacrylonitrile	5.04	41	19972	17.617	ug/l	97
42) 1,2-Dichloroethane	6.19	62	37113	17.773	ug/l	99
43) Isopropyl Acetate	6.44	43	58302	17.568	ug/l	97
44) Trichloroethene	7.21	130	33347	17.840	ug/l	100
45) 1,2-Dichloropropane	7.51	63	28461	17.796	ug/l	99
46) Dibromomethane	7.66	93	20589	17.635	ug/l	99
47) Bromodichloromethane	7.90	83	34439	17.422	ug/l	98
48) Methyl methacrylate	7.77	41	27681	17.723	ug/l	99
49) 1,4-Dioxane	7.74	88	16993	375.295	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	199024	92.924	ug/l	98
52) Toluene	8.78	92	73276	17.947	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	34799	17.097	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	40234	17.425	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	30970	18.448	ug/l	98
56) Ethyl methacrylate	9.18	69	42176	17.630	ug/l	97
57) 1,3-Dichloropropane	9.37	76	48423	18.239	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	108062	91.868	ug/l	99
59) 2-Hexanone	9.49	43	152363	91.843	ug/l	99
60) Dibromochloromethane	9.58	129	29700	17.280	ug/l	99
61) 1,2-Dibromoethane	9.67	107	32824	18.098	ug/l	98
64) Tetrachloroethene	9.34	164	33854	18.420	ug/l	96
65) Chlorobenzene	10.13	112	82055	17.684	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	29141	18.344	ug/l	99
67) Ethyl Benzene	10.25	91	141302	18.183	ug/l	97
68) m/p-Xylenes	10.35	106	110609	36.798	ug/l	98
69) o-Xylene	10.69	106	53864	18.238	ug/l	96
70) Styrene	10.71	104	88658	18.143	ug/l	100
71) Bromoform	10.85	173	21227	16.933	ug/l #	98
73) Isopropylbenzene	11.02	105	140509	18.543	ug/l	99
74) N-amyl acetate	10.90	43	52516	19.180	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	47891	18.965	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	38247m	18.956	ug/l	
77) Bromobenzene	11.26	156	39345	18.725	ug/l	98
78) n-propylbenzene	11.36	91	156694	18.595	ug/l	100
79) 2-Chlorotoluene	11.42	91	92126	18.342	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	116449	18.358	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	11169	17.971	ug/l	94
82) 4-Chlorotoluene	11.51	91	105094	17.954	ug/l	99
83) tert-Butylbenzene	11.77	119	113783	18.289	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	118641	18.786	ug/l	100
85) sec-Butylbenzene	11.94	105	137264	18.364	ug/l	99
86) p-Isopropyltoluene	12.06	119	126555	18.404	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	68212	18.373	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	67829	17.717	ug/l	98
89) n-Butylbenzene	12.38	91	104475	17.635	ug/l	99
90) Hexachloroethane	12.59	117	17648	17.359	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	69489	18.628	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8908	18.208	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	44782	18.102	ug/l	99
94) Hexachlorobutadiene	13.78	225	22043	17.562	ug/l	97
95) Naphthalene	13.83	128	134958	18.654	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	46182	18.362	ug/l	99

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

