

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
 Data File : VX006937.D
 Acq On : 07 Jan 2019 15:55
 Operator : JC/MD
 Sample : VX0107WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0107WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 9:33:37 AM

Quant Time: Jan 08 07:07:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	495841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	752265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	683190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	346109	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	272310	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	5.50	113	250973	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	8.71	98	900784	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	324331	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69098	15.233	ug/l	97
3) Chloromethane	1.33	50	82013	16.782	ug/l	99
4) Vinyl Chloride	1.41	62	88920	17.422	ug/l	97
5) Bromomethane	1.64	94	90447	17.753	ug/l	98
6) Chloroethane	1.72	64	60360	17.080	ug/l	97
7) Trichlorofluoromethane	1.93	101	145276	18.256	ug/l	99
8) Diethyl Ether	2.19	74	60083	19.010	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	88103	18.857	ug/l	99
10) Methyl Iodide	2.51	142	123028	18.395	ug/l	99
11) Tert butyl alcohol	3.07	59	134321	112.626	ug/l	98
12) 1,1-Dichloroethene	2.37	96	79080	17.850	ug/l	99
13) Acrolein	2.29	56	71427	88.778	ug/l	95
14) Allyl chloride	2.73	41	140415	18.830	ug/l	99
15) Acrylonitrile	3.15	53	283673	107.127	ug/l	100
16) Acetone	2.45	43	237970	96.926	ug/l	100
17) Carbon Disulfide	2.57	76	151581	12.929	ug/l	99
18) Methyl Acetate	2.78	43	200404	27.759	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	311529	21.187	ug/l	98
20) Methylene Chloride	2.86	84	97145	19.135	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	84908	17.298	ug/l	99
22) Diisopropyl ether	3.87	45	286926	21.032	ug/l	93
23) Vinyl Acetate	3.82	43	1135546	101.761	ug/l	100
24) 1,1-Dichloroethane	3.70	63	156371	19.201	ug/l	99
25) 2-Butanone	4.70	43	352875	102.178	ug/l	98
26) 2,2-Dichloropropane	4.59	77	105809	16.820	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	106412	19.648	ug/l	97
28) Bromochloromethane	5.01	49	74058	20.478	ug/l	96
29) Tetrahydrofuran	5.15	42	237611	104.463	ug/l	97
30) Chloroform	5.21	83	170457	20.212	ug/l	96
31) Cyclohexane	5.57	56	122676	16.581	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	138134	19.398	ug/l	98
36) 1,1-Dichloropropene	5.80	75	112883	18.118	ug/l	100
37) Ethyl Acetate	4.86	43	135226	20.853	ug/l	100
38) Carbon Tetrachloride	5.78	117	112606	18.597	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134522	16.400	ug/l	97
40) Benzene	6.14	78	366314	19.342	ug/l	98
41) Methacrylonitrile	5.06	41	75436	21.911	ug/l	98
42) 1,2-Dichloroethane	6.20	62	127738	19.794	ug/l	100
43) Isopropyl Acetate	6.46	43	215576	21.848	ug/l	98
44) Trichloroethene	7.21	130	105478	18.401	ug/l	97
45) 1,2-Dichloropropane	7.52	63	92615	20.096	ug/l	98
46) Dibromomethane	7.66	93	66363	19.576	ug/l	99
47) Bromodichloromethane	7.90	83	113395	20.148	ug/l	97
48) Methyl methacrylate	7.77	41	107805	21.485	ug/l	98
49) 1,4-Dioxane	7.75	88	52812	390.152	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	708678	112.882	ug/l	99
52) Toluene	8.79	92	242627	19.830	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	118443	19.623	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	132861	20.060	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	103510	20.669	ug/l	99
56) Ethyl methacrylate	9.18	69	150918	21.321	ug/l	97
57) 1,3-Dichloropropane	9.37	76	165137	20.495	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	392390	104.288	ug/l	99
59) 2-Hexanone	9.49	43	528246	109.973	ug/l	99
60) Dibromochloromethane	9.59	129	96375	19.869	ug/l	98
61) 1,2-Dibromoethane	9.67	107	108588	20.397	ug/l	100
64) Tetrachloroethene	9.34	164	98874	18.277	ug/l	95
65) Chlorobenzene	10.14	112	275926	19.091	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	97925	21.716	ug/l	98
67) Ethyl Benzene	10.25	91	443441	18.776	ug/l	97
68) m/p-Xylenes	10.36	106	354496	38.038	ug/l	98
69) o-Xylene	10.69	106	175063	19.023	ug/l	99
70) Styrene	10.71	104	278706	19.143	ug/l	98
71) Bromoform	10.86	173	70089	20.154	ug/l	# 98
73) Isopropylbenzene	11.02	105	457358	19.316	ug/l	99
74) N-amyl acetate	10.90	43	191381	22.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	153732	21.831	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	142034m	22.082	ug/l	
77) Bromobenzene	11.26	156	126378	19.742	ug/l	98
78) n-propylbenzene	11.36	91	504678	19.355	ug/l	98
79) 2-Chlorotoluene	11.42	91	306908	19.423	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	376973	19.329	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35447	19.584	ug/l	94
82) 4-Chlorotoluene	11.51	91	349380	19.276	ug/l	100
83) tert-Butylbenzene	11.77	119	394415	20.207	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	386631	18.848	ug/l	100
85) sec-Butylbenzene	11.94	105	454881	19.008	ug/l	100
86) p-Isopropyltoluene	12.06	119	407161	19.355	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	223752	19.394	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	223407	18.890	ug/l	99
89) n-Butylbenzene	12.39	91	335527	18.741	ug/l	98
90) Hexachloroethane	12.60	117	57304	19.552	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	228729	19.819	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28144	19.316	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	149390	18.765	ug/l	99
94) Hexachlorobutadiene	13.78	225	65921	17.568	ug/l	99
95) Naphthalene	13.83	128	472246	18.586	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	150768	18.343	ug/l	97

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

