

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010219\
 Data File : VX006876.D
 Acq On : 02 Jan 2019 12:45
 Operator : JC/MD
 Sample : VX0102WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 9:43:12 AM

Quant Time: Jan 03 00:37:56 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	5.67	168	557458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	821201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	738518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	376519	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	285636	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	5.51	113	257659	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.71	98	948440	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.13	95	342615	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81813	16.043	ug/l	97
3) Chloromethane	1.33	50	90709	16.510	ug/l	99
4) Vinyl Chloride	1.41	62	100082	17.441	ug/l	98
5) Bromomethane	1.64	94	97416	16.924	ug/l	95
6) Chloroethane	1.72	64	68471	17.233	ug/l	97
7) Trichlorofluoromethane	1.93	101	164479	18.385	ug/l	97
8) Diethyl Ether	2.19	74	66963	18.845	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98370	18.727	ug/l	99
10) Methyl Iodide	2.51	142	140114	18.634	ug/l	100
11) Tert butyl alcohol	3.07	59	140484	104.774	ug/l	98
12) 1,1-Dichloroethene	2.37	96	89390	17.947	ug/l	98
13) Acrolein	2.29	56	79627	88.031	ug/l	99
14) Allyl chloride	2.73	41	159367	19.009	ug/l	98
15) Acrylonitrile	3.15	53	301287	101.203	ug/l	99
16) Acetone	2.45	43	266611	96.588	ug/l	97
17) Carbon Disulfide	2.57	76	188772	14.322	ug/l	99
18) Methyl Acetate	2.78	43	179255	22.085	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	345321	20.889	ug/l	99
20) Methylene Chloride	2.86	84	108552	19.018	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	96154	17.423	ug/l	99
22) Diisopropyl ether	3.87	45	315719	20.585	ug/l	97
23) Vinyl Acetate	3.82	43	1235981	98.519	ug/l	99
24) 1,1-Dichloroethane	3.70	63	173112	18.907	ug/l	100
25) 2-Butanone	4.70	43	377683	97.274	ug/l	97
26) 2,2-Dichloropropane	4.59	77	131543	18.599	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	112705	18.510	ug/l	97
28) Bromochloromethane	5.02	49	79879	19.568	ug/l	99
29) Tetrahydrofuran	5.15	42	249693	97.641	ug/l	98
30) Chloroform	5.21	83	180437	19.031	ug/l	100
31) Cyclohexane	5.57	56	139712	16.797	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	151540	18.929	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125429	18.442	ug/l	99
37) Ethyl Acetate	4.85	43	145490	20.552	ug/l	98
38) Carbon Tetrachloride	5.79	117	126366	19.118	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147176	16.436	ug/l	97
40) Benzene	6.15	78	396939	19.200	ug/l	98
41) Methacrylonitrile	5.06	41	80806	21.500	ug/l	99
42) 1,2-Dichloroethane	6.20	62	137715	19.548	ug/l	100
43) Isopropyl Acetate	6.46	43	231238	21.468	ug/l	99
44) Trichloroethene	7.21	130	115721	18.493	ug/l	96
45) 1,2-Dichloropropane	7.51	63	102891	20.451	ug/l	97
46) Dibromomethane	7.66	93	70273	18.990	ug/l	95
47) Bromodichloromethane	7.90	83	120939	19.685	ug/l	96
48) Methyl methacrylate	7.77	41	116861	21.335	ug/l	97
49) 1,4-Dioxane	7.75	88	56563	382.402	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	748904	109.276	ug/l	98
52) Toluene	8.78	92	255917	19.161	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	133099	20.200	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	147243	20.366	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	107510	19.665	ug/l	97
56) Ethyl methacrylate	9.18	69	160079	20.717	ug/l	96
57) 1,3-Dichloropropane	9.37	76	175368	19.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	414227	100.850	ug/l	100
59) 2-Hexanone	9.49	43	561044	106.996	ug/l	99
60) Dibromochloromethane	9.59	129	104201	19.701	ug/l	98
61) 1,2-Dibromoethane	9.67	107	116422	20.033	ug/l	98
64) Tetrachloroethene	9.34	164	118623	20.285	ug/l	94
65) Chlorobenzene	10.14	112	300781	19.251	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	104941	21.528	ug/l	99
67) Ethyl Benzene	10.25	91	489334	19.167	ug/l	99
68) m/p-Xylenes	10.36	106	381065	37.825	ug/l	98
69) o-Xylene	10.69	106	195289	19.631	ug/l	100
70) Styrene	10.71	104	307913	19.564	ug/l	100
71) Bromoform	10.86	173	75715	20.144	ug/l	99
73) Isopropylbenzene	11.02	105	502745	19.518	ug/l	99
74) N-amyl acetate	10.90	43	209130	22.682	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	161657	21.102	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	153156m	21.888	ug/l	
77) Bromobenzene	11.26	156	139701	20.061	ug/l	98
78) n-propylbenzene	11.36	91	555577	19.587	ug/l	100
79) 2-Chlorotoluene	11.42	91	329878	19.191	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	411433	19.392	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	38695	19.637	ug/l	92
82) 4-Chlorotoluene	11.51	91	383585	19.454	ug/l	100
83) tert-Butylbenzene	11.77	119	406576	19.147	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	427616	19.162	ug/l	99
85) sec-Butylbenzene	11.94	105	490859	18.854	ug/l	99
86) p-Isopropyltoluene	12.06	119	440407	19.244	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	242655	19.334	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	242907	18.879	ug/l	97
89) n-Butylbenzene	12.39	91	362135	18.593	ug/l	99
90) Hexachloroethane	12.60	117	60957	19.192	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	244933	19.509	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31852	20.095	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	166004	19.168	ug/l	99
94) Hexachlorobutadiene	13.78	225	70277	17.216	ug/l	100
95) Naphthalene	13.83	128	498899	18.049	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	162932	18.221	ug/l	99

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

