

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002466.D
 Acq On : 12 Jun 2018 15:04
 Operator : JC/MD
 Sample : VX0612WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/13/2018 1:59:36 PM

Quant Time: Jun 13 01:41:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	305531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	179414	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	140087	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
35) Dibromofluoromethane	5.51	113	106398	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	
50) Toluene-d8	8.72	98	398131	43.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.46%	
62) 4-Bromofluorobenzene	11.14	95	147942	41.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39658	18.310	ug/l	95
3) Chloromethane	1.32	50	48369	17.631	ug/l	98
4) Vinyl Chloride	1.41	62	54075	19.809	ug/l	99
5) Bromomethane	1.64	94	31170	18.044	ug/l	98
6) Chloroethane	1.73	64	34900	19.764	ug/l	97
7) Trichlorofluoromethane	1.93	101	92435	22.224	ug/l	96
8) Diethyl Ether	2.19	74	34325	21.876	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52540	23.409	ug/l	99
10) Methyl Iodide	2.51	142	47508	15.049	ug/l	98
11) Tert butyl alcohol	3.07	59	70275	103.485	ug/l	97
12) 1,1-Dichloroethene	2.37	96	46621	21.018	ug/l	98
13) Acrolein	2.30	56	24828	77.179	ug/l	98
14) Allyl chloride	2.73	41	92874	19.294	ug/l	97
15) Acrylonitrile	3.15	53	149050	112.200	ug/l	99
16) Acetone	2.45	43	150660	106.574	ug/l	98
17) Carbon Disulfide	2.57	76	99220	16.972	ug/l	98
18) Methyl Acetate	2.78	43	74096	23.387	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	181842	22.213	ug/l	100
20) Methylene Chloride	2.86	84	54624	21.618	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	48364	19.772	ug/l	98
22) Diisopropyl ether	3.88	45	161748	19.198	ug/l	96
23) Vinyl Acetate	3.83	43	701870	89.943	ug/l	99
24) 1,1-Dichloroethane	3.70	63	95095	19.988	ug/l	100
25) 2-Butanone	4.71	43	187035	91.552	ug/l	99
26) 2,2-Dichloropropane	4.59	77	64222	17.269	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	49647	18.663	ug/l	98
28) Bromochloromethane	5.03	49	41140	18.058	ug/l	99
29) Tetrahydrofuran	5.17	42	119751	90.916	ug/l	99
30) Chloroform	5.22	83	88123	19.195	ug/l	99
31) Cyclohexane	5.58	56	71458	18.994	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	74393	19.107	ug/l	99
36) 1,1-Dichloropropene	5.81	75	61232	19.063	ug/l	98
37) Ethyl Acetate	4.87	43	73609	19.056	ug/l	99
38) Carbon Tetrachloride	5.79	117	63956	19.033	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	72577	18.456	ug/l	98
40) Benzene	6.15	78	187888	19.078	ug/l	98
41) Methacrylonitrile	5.07	41	42209	19.088	ug/l	99
42) 1,2-Dichloroethane	6.20	62	75898	19.397	ug/l	100
43) Isopropyl Acetate	6.47	43	119265	18.178	ug/l	99
44) Trichloroethene	7.22	130	52826	19.327	ug/l	99
45) 1,2-Dichloropropane	7.52	63	49132	18.479	ug/l	97
46) Dibromomethane	7.67	93	33683	18.688	ug/l	98
47) Bromodichloromethane	7.90	83	60389	18.525	ug/l	97
48) Methyl methacrylate	7.78	41	63195	19.175	ug/l	98
49) 1,4-Dioxane	7.76	88	24061	390.469	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	398291	97.481	ug/l	100
52) Toluene	8.79	92	120368	19.216	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	71286	18.236	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	64364	17.452	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	49997	19.407	ug/l	97
56) Ethyl methacrylate	9.19	69	75497	18.355	ug/l	98
57) 1,3-Dichloropropane	9.38	76	83993	19.434	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	182751	95.999	ug/l	99
59) 2-Hexanone	9.50	43	304336	96.433	ug/l	99
60) Dibromochloromethane	9.59	129	47526	18.341	ug/l	100
61) 1,2-Dibromoethane	9.68	107	51677	19.238	ug/l	100
64) Tetrachloroethene	9.34	164	56938	18.806	ug/l	98
65) Chlorobenzene	10.14	112	138996	19.028	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	48860	18.473	ug/l	99
67) Ethyl Benzene	10.26	91	236245	19.325	ug/l	99
68) m/p-Xylenes	10.37	106	180582	38.001	ug/l	100
69) o-Xylene	10.70	106	88787	18.775	ug/l	99
70) Styrene	10.72	104	145987	18.883	ug/l	98
71) Bromoform	10.86	173	34556	17.036	ug/l #	97
73) Isopropylbenzene	11.02	105	243495	19.509	ug/l	100
74) N-amyl acetate	6.47	43	119265	17.734	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	76314	19.441	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	74539m	18.934	ug/l	
77) Bromobenzene	11.26	156	65521	18.700	ug/l	99
78) n-propylbenzene	11.37	91	278710	20.091	ug/l	100
79) 2-Chlorotoluene	11.43	91	163361	18.650	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	206523	19.292	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16922	15.067	ug/l	85
82) 4-Chlorotoluene	11.51	91	194539	19.241	ug/l	99
83) tert-Butylbenzene	11.77	119	202156	19.392	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	213967	19.417	ug/l	100
85) sec-Butylbenzene	11.95	105	252502	20.661	ug/l	98
86) p-Isopropyltoluene	12.07	119	221911	19.935	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	119637	19.096	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121753	18.854	ug/l	99
89) n-Butylbenzene	12.39	91	195314	20.921	ug/l	99
90) Hexachloroethane	12.60	117	30599	17.220	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	122543	18.905	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15191	17.697	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	86086	18.940	ug/l	100
94) Hexachlorobutadiene	13.79	225	48444	21.569	ug/l	98
95) Naphthalene	13.84	128	250344	19.170	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	89558	19.320	ug/l	99

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

