

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003167.D
 Acq On : 05 Jul 2018 12:59
 Operator : JC/MD
 Sample : VX0705WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS01

Quant Time: Jul 05 13:17:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325164	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300928	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157315	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	5.51	113	131594	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	8.72	98	462307	49.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.32%	
62) 4-Bromofluorobenzene	11.14	95	177854	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38185	17.84	ug/l	100
3) Chloromethane	1.32	50	41098	17.93	ug/l	98
4) Vinyl Chloride	1.40	62	44060	16.43	ug/l	96
5) Bromomethane	1.64	94	21607	15.37	ug/l	94
6) Chloroethane	1.72	64	28634	16.79	ug/l	99
7) Trichlorofluoromethane	1.93	101	69315	15.32	ug/l	100
8) Diethyl Ether	2.19	74	26827	16.31	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40550	15.47	ug/l	97
10) Methyl Iodide	2.51	142	31915	16.74	ug/l	97
11) Tert butyl alcohol	3.07	59	55258	84.61	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36607	15.65	ug/l	94
13) Acrolein	2.29	56	29324	83.85	ug/l	100
14) Allyl chloride	2.73	41	73434	15.93	ug/l	95
15) Acrylonitrile	3.15	53	118498	84.95	ug/l	99
16) Acetone	2.45	43	109421	80.60	ug/l	99
17) Carbon Disulfide	2.57	76	98624	15.82	ug/l	98
18) Methyl Acetate	2.78	43	58658	15.45	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	134158	15.95	ug/l	98
20) Methylene Chloride	2.86	84	46582	17.63	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	40450	15.88	ug/l	91
22) Diisopropyl ether	3.87	45	145477	16.51	ug/l	98
23) Vinyl Acetate	3.82	43	622232	83.37	ug/l	99
24) 1,1-Dichloroethane	3.70	63	75327	15.72	ug/l	99
25) 2-Butanone	4.71	43	176836	87.77	ug/l	96
26) 2,2-Dichloropropane	4.58	77	60038	15.41	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	48046	16.82	ug/l	99
28) Bromochloromethane	5.03	49	38902	16.97	ug/l	89
29) Tetrahydrofuran	5.17	42	112422	87.01	ug/l	96
30) Chloroform	5.21	83	80376	16.35	ug/l	96
31) Cyclohexane	5.57	56	63326	15.40	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	67796	15.67	ug/l	99
36) 1,1-Dichloropropene	5.80	75	56104	15.73	ug/l	98
37) Ethyl Acetate	4.87	43	66344	17.28	ug/l	97
38) Carbon Tetrachloride	5.78	117	60291	15.41	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62113	14.95	ug/l	97
40) Benzene	6.15	78	172786	16.68	ug/l	99
41) Methacrylonitrile	5.07	41	37746	17.07	ug/l	97
42) 1,2-Dichloroethane	6.20	62	66943	16.00	ug/l	97
43) Isopropyl Acetate	6.47	43	104613	16.25	ug/l	98
44) Trichloroethene	7.21	130	50752	16.43	ug/l	99
45) 1,2-Dichloropropane	7.52	63	43625	15.87	ug/l	97
46) Dibromomethane	7.67	93	31256	16.39	ug/l	94
47) Bromodichloromethane	7.90	83	56858	16.13	ug/l	99
48) Methyl methacrylate	7.78	41	52914	15.95	ug/l	96
49) 1,4-Dioxane	7.76	88	23609	365.75	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	336952	83.64	ug/l	97
52) Toluene	8.79	92	108459	16.34	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	65533	16.41	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	60564	15.76	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	45616	16.73	ug/l	97
56) Ethyl methacrylate	9.18	69	65974	16.55	ug/l	92
57) 1,3-Dichloropropane	9.37	76	74801	16.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	196934	102.41	ug/l	97
59) 2-Hexanone	9.50	43	258059	84.28	ug/l	98
60) Dibromochloromethane	9.59	129	47370	16.50	ug/l	97
61) 1,2-Dibromoethane	9.68	107	48713	17.03	ug/l	99
64) Tetrachloroethene	9.34	164	57315	17.13	ug/l	98
65) Chlorobenzene	10.14	112	125066	16.36	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	45031	16.22	ug/l	98
67) Ethyl Benzene	10.26	91	202544	16.04	ug/l	100
68) m/p-Xylenes	10.36	106	156301	32.12	ug/l	98
69) o-Xylene	10.70	106	76738	16.20	ug/l	96
70) Styrene	10.71	104	127574	16.57	ug/l	98
71) Bromoform	10.86	173	36241	17.22	ug/l #	99
73) Isopropylbenzene	11.02	105	205913	16.31	ug/l	100
74) N-amyl acetate	6.47	43	104613	16.94	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	67917	17.47	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	74378	21.89	ug/l	80
77) Bromobenzene	11.26	156	59582	16.58	ug/l	96
78) n-propylbenzene	11.37	91	230584	16.05	ug/l	97
79) 2-Chlorotoluene	11.42	91	141199	16.23	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	171711	16.15	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16125	16.20	ug/l	94
82) 4-Chlorotoluene	11.51	91	163421	15.87	ug/l	98
83) tert-Butylbenzene	11.77	119	166949	15.94	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	177504	16.12	ug/l	97
85) sec-Butylbenzene	11.95	105	201793	15.88	ug/l	100
86) p-Isopropyltoluene	12.07	119	181101	15.85	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	106243	16.18	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	108816	16.11	ug/l	99
89) n-Butylbenzene	12.39	91	148957	14.98	ug/l	99
90) Hexachloroethane	12.60	117	25099	14.77	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	108826	16.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13397	15.33	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	75978	15.76	ug/l	99
94) Hexachlorobutadiene	13.79	225	37106	15.43	ug/l	99
95) Naphthalene	13.84	128	211700	16.48	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	83724	17.38	ug/l	99

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

