

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003174.D
 Acq On : 05 Jul 2018 16:06
 Operator : JC/MD
 Sample : VX0705WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

Quant Time: Jul 05 16:24:53 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	258541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	346686	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	325671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	202715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	150978	42.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.50%	
35) Dibromofluoromethane	5.51	113	130040	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	8.72	98	440677	43.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.92%	
62) 4-Bromofluorobenzene	11.14	95	167726	43.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45201	19.40	ug/l	100
3) Chloromethane	1.32	50	48772	19.62	ug/l	100
4) Vinyl Chloride	1.40	62	52917	18.10	ug/l	96
5) Bromomethane	1.64	94	23167	15.07	ug/l	97
6) Chloroethane	1.72	64	34391	18.72	ug/l	97
7) Trichlorofluoromethane	1.93	101	83478	16.93	ug/l	99
8) Diethyl Ether	2.19	74	30843	17.20	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49474	17.31	ug/l	96
10) Methyl Iodide	2.51	142	40823	18.56	ug/l	97
11) Tert butyl alcohol	3.08	59	64862	91.11	ug/l	97
12) 1,1-Dichloroethene	2.37	96	45386	17.80	ug/l	89
13) Acrolein	2.30	56	22916	61.31	ug/l	99
14) Allyl chloride	2.73	41	87395	17.39	ug/l	94
15) Acrylonitrile	3.15	53	140890	92.66	ug/l	99
16) Acetone	2.45	43	139894	94.53	ug/l	95
17) Carbon Disulfide	2.57	76	115811	17.05	ug/l	100
18) Methyl Acetate	2.78	43	70559	17.05	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	158781	17.32	ug/l	98
20) Methylene Chloride	2.86	84	52348	18.18	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	48291	17.39	ug/l	96
22) Diisopropyl ether	3.88	45	165311	17.21	ug/l	99
23) Vinyl Acetate	3.83	43	725771	89.21	ug/l	98
24) 1,1-Dichloroethane	3.70	63	91737	17.57	ug/l	99
25) 2-Butanone	4.71	43	221683	100.93	ug/l	98
26) 2,2-Dichloropropane	4.59	77	77281	18.20	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	57739	18.54	ug/l	97
28) Bromochloromethane	5.03	49	46204	18.49	ug/l	89
29) Tetrahydrofuran	5.17	42	135862	96.46	ug/l	95
30) Chloroform	5.22	83	98967	18.47	ug/l	100
31) Cyclohexane	5.58	56	79979	17.85	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	84960	18.02	ug/l	98
36) 1,1-Dichloropropene	5.81	75	67856	17.85	ug/l	98
37) Ethyl Acetate	4.87	43	81752	19.97	ug/l	97
38) Carbon Tetrachloride	5.79	117	75647	18.13	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77191	17.43	ug/l	99
40) Benzene	6.15	78	206166	18.66	ug/l	98
41) Methacrylonitrile	5.07	41	45248	19.20	ug/l	98
42) 1,2-Dichloroethane	6.21	62	78508	17.59	ug/l	98
43) Isopropyl Acetate	6.47	43	123252	17.95	ug/l	98
44) Trichloroethene	7.22	130	60114	18.25	ug/l	98
45) 1,2-Dichloropropane	7.52	63	51970	17.74	ug/l	100
46) Dibromomethane	7.67	93	37562	18.47	ug/l	95
47) Bromodichloromethane	7.90	83	68111	18.12	ug/l	98
48) Methyl methacrylate	7.78	41	62190	17.58	ug/l	93
49) 1,4-Dioxane	7.76	88	27480	399.29	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	408930	95.20	ug/l	98
52) Toluene	8.79	92	133233	18.83	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	77688	18.25	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	71915	17.55	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	54662	18.80	ug/l	98
56) Ethyl methacrylate	9.19	69	76821	18.08	ug/l	93
57) 1,3-Dichloropropane	9.38	76	89439	18.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	208711	101.79	ug/l	97
59) 2-Hexanone	9.50	43	312009	95.58	ug/l	96
60) Dibromochloromethane	9.59	129	55370	18.09	ug/l	100
61) 1,2-Dibromoethane	9.68	107	57618	18.89	ug/l	100
64) Tetrachloroethene	9.34	164	67169	18.55	ug/l	97
65) Chlorobenzene	10.14	112	152505	18.44	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	55812	18.57	ug/l	99
67) Ethyl Benzene	10.26	91	246052	18.01	ug/l	99
68) m/p-Xylenes	10.36	106	195100	37.05	ug/l	97
69) o-Xylene	10.70	106	94244	18.38	ug/l	98
70) Styrene	10.71	104	155108	18.62	ug/l	98
71) Bromoform	10.86	173	43177	18.56	ug/l #	98
73) Isopropylbenzene	11.02	105	255618	18.74	ug/l	100
74) N-amyl acetate	6.47	43	123252	18.47	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	80452	19.15	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	89524	24.38	ug/l	81
77) Bromobenzene	11.26	156	73229	18.86	ug/l	96
78) n-propylbenzene	11.37	91	284113	18.30	ug/l	99
79) 2-Chlorotoluene	11.43	91	173745	18.49	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	213567	18.59	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	20023	18.12	ug/l	97
82) 4-Chlorotoluene	11.51	91	201258	18.09	ug/l	98
83) tert-Butylbenzene	11.77	119	211231	18.66	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	220177	18.50	ug/l	99
85) sec-Butylbenzene	11.95	105	249270	18.15	ug/l	99
86) p-Isopropyltoluene	12.07	119	227730	18.45	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	131209	18.50	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	130157	17.83	ug/l	99
89) n-Butylbenzene	12.39	91	181626	16.90	ug/l	99
90) Hexachloroethane	12.60	117	31306	17.05	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	131056	18.31	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16912	17.91	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	91787	17.62	ug/l	99
94) Hexachlorobutadiene	13.79	225	46116	17.75	ug/l	100
95) Naphthalene	13.83	128	259136	18.67	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96223	18.49	ug/l	99

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

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