

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003176.D
 Acq On : 05 Jul 2018 17:00
 Operator : JC/MD
 Sample : VX0705WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBSD02

Manual Integrations
 APPROVED

sam
 7/6/2018 4:20:21 PM

Quant Time: Jul 05 17:57:23 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	249430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	336588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207707	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	152051	44.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.20%	
35) Dibromofluoromethane	5.51	113	126831	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	8.72	98	457047	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
62) 4-Bromofluorobenzene	11.14	95	170074	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	48304	21.52	ug/l	97
3) Chloromethane	1.32	50	51308	21.51	ug/l	97
4) Vinyl Chloride	1.40	62	56273	19.95	ug/l	96
5) Bromomethane	1.64	94	25535	17.63	ug/l	96
6) Chloroethane	1.72	64	35872	20.42	ug/l	100
7) Trichlorofluoromethane	1.93	101	89244	18.76	ug/l	99
8) Diethyl Ether	2.19	74	33785	19.53	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52566	19.07	ug/l	97
10) Methyl Iodide	2.51	142	44001	20.00	ug/l	97
11) Tert butyl alcohol	3.08	59	70594	102.79	ug/l	98
12) 1,1-Dichloroethene	2.37	96	46784	19.02	ug/l	98
13) Acrolein	2.29	56	27045	74.06	ug/l	98
14) Allyl chloride	2.73	41	93448	19.27	ug/l	95
15) Acrylonitrile	3.15	53	150954	102.90	ug/l	99
16) Acetone	2.45	43	155532	108.93	ug/l	95
17) Carbon Disulfide	2.57	76	121583	18.55	ug/l	98
18) Methyl Acetate	2.78	43	75968	19.03	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	167501	18.94	ug/l	100
20) Methylene Chloride	2.86	84	56339	20.28	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	50541	18.86	ug/l	96
22) Diisopropyl ether	3.88	45	177060	19.10	ug/l	98
23) Vinyl Acetate	3.83	43	776521	98.94	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97330	19.32	ug/l	98
25) 2-Butanone	4.71	43	237140	111.91	ug/l	96
26) 2,2-Dichloropropane	4.59	77	82044	20.03	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	61804	20.57	ug/l	99
28) Bromochloromethane	5.03	49	45479	18.86	ug/l	90
29) Tetrahydrofuran	5.17	42	146456	107.78	ug/l	96
30) Chloroform	5.22	83	105018	20.31	ug/l	98
31) Cyclohexane	5.57	56	83840	19.39	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	89762	19.73	ug/l	98
36) 1,1-Dichloropropene	5.81	75	73057	19.79	ug/l	98
37) Ethyl Acetate	4.87	43	87828	22.10	ug/l	97
38) Carbon Tetrachloride	5.79	117	81413	20.10	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83504	19.42	ug/l	98
40) Benzene	6.15	78	224236	20.91	ug/l	100
41) Methacrylonitrile	5.07	41	49115	21.46	ug/l	98
42) 1,2-Dichloroethane	6.20	62	84834	19.58	ug/l	98
43) Isopropyl Acetate	6.48	43	133316	20.00	ug/l	97
44) Trichloroethene	7.22	130	66025	20.65	ug/l	98
45) 1,2-Dichloropropane	7.53	63	57233	20.12	ug/l	97
46) Dibromomethane	7.67	93	40850	20.69	ug/l	95
47) Bromodichloromethane	7.90	83	74184	20.33	ug/l	99
48) Methyl methacrylate	7.78	41	68201	19.86	ug/l	92
49) 1,4-Dioxane	7.76	88	29903	447.53	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	457722	109.76	ug/l	97
52) Toluene	8.79	92	146660	21.35	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	87137	21.08	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	77923	19.59	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	60890	21.57	ug/l	96
56) Ethyl methacrylate	9.19	69	84357	20.44	ug/l	93
57) 1,3-Dichloropropane	9.38	76	97038	20.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	212306	106.65	ug/l	96
59) 2-Hexanone	9.50	43	346259	109.25	ug/l	97
60) Dibromochloromethane	9.59	129	61422	20.67	ug/l	100
61) 1,2-Dibromoethane	9.68	107	62411	21.08	ug/l	98
64) Tetrachloroethene	9.34	164	73135	20.45	ug/l	98
65) Chlorobenzene	10.14	112	167281	20.47	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	61295	20.65	ug/l	99
67) Ethyl Benzene	10.26	91	270968	20.08	ug/l	99
68) m/p-Xylenes	10.36	106	212768	40.90	ug/l	97
69) o-Xylene	10.70	106	102437	20.23	ug/l	97
70) Styrene	10.71	104	170379	20.70	ug/l	98
71) Bromoform	10.86	173	46892	20.02	ug/l	98
73) Isopropylbenzene	11.02	105	274342	19.63	ug/l	100
74) N-amyl acetate	6.48	43	133316	19.50	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	87363	20.30	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	75958m	20.19	ug/l	
77) Bromobenzene	11.26	156	77234	19.41	ug/l	96
78) n-propylbenzene	11.37	91	302157	19.00	ug/l	99
79) 2-Chlorotoluene	11.43	91	186489	19.37	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	227000	19.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21097	18.54	ug/l	95
82) 4-Chlorotoluene	11.51	91	214954	18.86	ug/l	98
83) tert-Butylbenzene	11.77	119	232148	20.02	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	242458	19.88	ug/l	97
85) sec-Butylbenzene	11.95	105	270283	19.21	ug/l	99
86) p-Isopropyltoluene	12.07	119	245737	19.43	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	143772	19.78	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149640	20.01	ug/l	99
89) n-Butylbenzene	12.39	91	196340	17.83	ug/l	99
90) Hexachloroethane	12.60	117	34299	18.23	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	143260	19.53	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18440	19.06	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	99259	18.59	ug/l	98
94) Hexachlorobutadiene	13.79	225	49893	18.74	ug/l	99
95) Naphthalene	13.83	128	281380	19.79	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107697	20.20	ug/l	99

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

