

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003970.D
 Acq On : 10 Aug 2018 12:17
 Operator : JC/MD
 Sample : VX0810WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/13/2018 11:02:04 AM

Quant Time: Aug 11 02:20:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	390019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187454	58.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.32%	
35) Dibromofluoromethane	5.51	113	152173	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.71	98	555848	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.14	95	208216	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	37915	15.39	ug/l	99
3) Chloromethane	1.32	50	59158	17.65	ug/l	99
4) Vinyl Chloride	1.40	62	58107	17.38	ug/l	99
5) Bromomethane	1.64	94	33118	15.91	ug/l	97
6) Chloroethane	1.71	64	45538	21.29	ug/l	100
7) Trichlorofluoromethane	1.92	101	74617	16.91	ug/l	96
8) Diethyl Ether	2.19	74	45084	22.72	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44231	16.03	ug/l	99
10) Methyl Iodide	2.51	142	42639	12.42	ug/l	99
11) Tert butyl alcohol	3.08	59	91263	117.83	ug/l	100
12) 1,1-Dichloroethene	2.37	96	47687	18.27	ug/l	100
13) Acrolein	2.29	56	38734	93.05	ug/l	100
14) Allyl chloride	2.72	41	106665	21.20	ug/l	99
15) Acrylonitrile	3.15	53	210923	114.13	ug/l	99
16) Acetone	2.45	43	218631	114.02	ug/l	99
17) Carbon Disulfide	2.56	76	127482	17.52	ug/l	100
18) Methyl Acetate	2.78	43	103194	24.72	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	213071	23.04	ug/l	98
20) Methylene Chloride	2.85	84	68715	21.71	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	58082	19.60	ug/l	98
22) Diisopropyl ether	3.87	45	203415	22.00	ug/l	99
23) Vinyl Acetate	3.82	43	882906	114.75	ug/l	98
24) 1,1-Dichloroethane	3.69	63	112826	20.54	ug/l	100
25) 2-Butanone	4.71	43	345742	119.92	ug/l	99
26) 2,2-Dichloropropane	4.58	77	79552	20.08	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	71797	22.33	ug/l	98
28) Bromochloromethane	5.02	49	54351	23.12	ug/l	100
29) Tetrahydrofuran	5.16	42	169333	114.28	ug/l	100
30) Chloroform	5.21	83	114451	22.13	ug/l	98
31) Cyclohexane	5.57	56	74861	16.11	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	87598	20.20	ug/l	99
36) 1,1-Dichloropropene	5.80	75	76073	17.41	ug/l	99
37) Ethyl Acetate	4.86	43	101588	21.14	ug/l	99
38) Carbon Tetrachloride	5.78	117	71582	17.22	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68168	13.24	ug/l	99
40) Benzene	6.14	78	265177	20.22	ug/l	99
41) Methacrylonitrile	5.06	41	56601	21.39	ug/l	99
42) 1,2-Dichloroethane	6.20	62	94665	21.34	ug/l	99
43) Isopropyl Acetate	6.47	43	147207	20.36	ug/l	99
44) Trichloroethene	7.21	130	65532	18.27	ug/l	92
45) 1,2-Dichloropropane	7.52	63	67429	19.91	ug/l	98
46) Dibromomethane	7.67	93	44951	20.44	ug/l	100
47) Bromodichloromethane	7.90	83	82523	19.92	ug/l	100
48) Methyl methacrylate	7.78	41	75375	20.51	ug/l	98
49) 1,4-Dioxane	7.76	88	38486	444.46	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	647439	108.02	ug/l	99
52) Toluene	8.79	92	161287	19.46	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	90490	19.32	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	99774	19.76	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	69333	20.47	ug/l	99
56) Ethyl methacrylate	9.18	69	98775	20.10	ug/l	99
57) 1,3-Dichloropropane	9.37	76	119699	21.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	257550	106.59	ug/l	100
59) 2-Hexanone	9.50	43	493837	110.22	ug/l	99
60) Dibromochloromethane	9.59	129	66039	20.91	ug/l	99
61) 1,2-Dibromoethane	9.67	107	73296	21.62	ug/l	99
64) Tetrachloroethene	9.34	164	59556	16.56	ug/l	99
65) Chlorobenzene	10.14	112	180679	18.99	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	64946	19.86	ug/l	99
67) Ethyl Benzene	10.25	91	288424	18.52	ug/l	95
68) m/p-Xylenes	10.36	106	233914	38.44	ug/l	97
69) o-Xylene	10.70	106	113410	19.74	ug/l	96
70) Styrene	10.71	104	191094	20.32	ug/l	98
71) Bromoform	10.86	173	50125	19.93	ug/l #	99
73) Isopropylbenzene	11.02	105	279839	17.46	ug/l	96
74) N-amyl acetate	6.47	43	147207	17.66	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	111563	20.30	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	98397m	20.56	ug/l	
77) Bromobenzene	11.26	156	81865	19.14	ug/l	98
78) n-propylbenzene	11.36	91	318033	17.67	ug/l	100
79) 2-Chlorotoluene	11.42	91	205983	18.77	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	239287	18.30	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	27534	17.17	ug/l	93
82) 4-Chlorotoluene	11.51	91	240456	18.70	ug/l	100
83) tert-Butylbenzene	11.77	119	225926	17.57	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	258273	19.65	ug/l	99
85) sec-Butylbenzene	11.94	105	252626	16.64	ug/l	100
86) p-Isopropyltoluene	12.07	119	225900	16.59	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	148658	18.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153855	20.14	ug/l	99
89) n-Butylbenzene	12.39	91	159814	13.47	ug/l	100
90) Hexachloroethane	12.60	117	32020	14.48	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	130980	16.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19900	17.68	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93408	16.57	ug/l	98
94) Hexachlorobutadiene	13.78	225	34921	14.35	ug/l	97
95) Naphthalene	13.83	128	326105	20.20	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	106759	18.98	ug/l	99

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

