

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003874.D
 Acq On : 07 Aug 2018 12:06
 Operator : JC/MD
 Sample : VX0807WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS01

Manual Integrations
 APPROVED

sam
 8/21/2018 4:31:31 PM

Quant Time: Aug 08 01:34:05 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	5.66	168	365220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	522635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	472049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	264755	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	241949	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
35) Dibromofluoromethane	5.50	113	198129	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	8.71	98	788296	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.14	95	277266	55.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	74963	20.25	ug/l	100
3) Chloromethane	1.32	50	92089	18.29	ug/l	99
4) Vinyl Chloride	1.40	62	95299	18.98	ug/l	98
5) Bromomethane	1.64	94	60436	20.37	ug/l	99
6) Chloroethane	1.72	64	62211	19.36	ug/l	100
7) Trichlorofluoromethane	1.93	101	125928	18.99	ug/l	99
8) Diethyl Ether	2.18	74	54757	18.37	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78742	19.00	ug/l	99
10) Methyl Iodide	2.51	142	88040	17.08	ug/l	99
11) Tert butyl alcohol	3.07	59	105210	90.44	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73798	18.83	ug/l	100
13) Acrolein	2.29	56	57444	91.78	ug/l	99
14) Allyl chloride	2.73	41	141590	18.74	ug/l	99
15) Acrylonitrile	3.15	53	248268	89.44	ug/l	100
16) Acetone	2.45	43	264439	91.81	ug/l	100
17) Carbon Disulfide	2.57	76	204964	18.73	ug/l	99
18) Methyl Acetate	2.78	43	112713	17.97	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	259879	18.71	ug/l	98
20) Methylene Chloride	2.85	84	88746	18.40	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	80839	18.16	ug/l	95
22) Diisopropyl ether	3.87	45	274536	19.76	ug/l	97
23) Vinyl Acetate	3.82	43	1152889	99.75	ug/l	99
24) 1,1-Dichloroethane	3.70	63	155228	18.81	ug/l	100
25) 2-Butanone	4.70	43	393921	90.97	ug/l	100
26) 2,2-Dichloropropane	4.58	77	116005	19.50	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	89889	18.62	ug/l	99
28) Bromochloromethane	5.01	49	70769	20.04	ug/l	100
29) Tetrahydrofuran	5.16	42	200833	90.23	ug/l	99
30) Chloroform	5.21	83	147696	19.01	ug/l	97
31) Cyclohexane	5.57	56	130769	18.74	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	125332	19.24	ug/l	98
36) 1,1-Dichloropropene	5.79	75	112600	19.24	ug/l	99
37) Ethyl Acetate	4.85	43	118650	18.43	ug/l	100
38) Carbon Tetrachloride	5.78	117	108721	19.51	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	133301	19.32	ug/l	100
40) Benzene	6.14	78	341945	19.45	ug/l	99
41) Methacrylonitrile	5.06	41	65730	18.54	ug/l	99
42) 1,2-Dichloroethane	6.20	62	115675	19.46	ug/l	100
43) Isopropyl Acetate	6.46	43	179926	18.57	ug/l	99
44) Trichloroethene	7.21	130	91831	19.10	ug/l	92
45) 1,2-Dichloropropane	7.52	63	87029	19.17	ug/l	98
46) Dibromomethane	7.66	93	56283	19.10	ug/l	98
47) Bromodichloromethane	7.90	83	106886	19.25	ug/l	99
48) Methyl methacrylate	7.77	41	92910	18.86	ug/l	99
49) 1,4-Dioxane	7.76	88	44062	379.74	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	760973	94.75	ug/l	100
52) Toluene	8.79	92	220078	19.82	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	118218	18.84	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	131581	19.45	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	86470	19.05	ug/l	99
56) Ethyl methacrylate	9.18	69	122279	18.57	ug/l	99
57) 1,3-Dichloropropane	9.37	76	148779	19.59	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	323095	99.79	ug/l	100
59) 2-Hexanone	9.50	43	583352	97.17	ug/l	99
60) Dibromochloromethane	9.59	129	83742	19.79	ug/l	100
61) 1,2-Dibromoethane	9.68	107	90486	19.91	ug/l	98
64) Tetrachloroethene	9.34	164	87528	18.85	ug/l	94
65) Chlorobenzene	10.14	112	241397	19.65	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	83564	19.79	ug/l	99
67) Ethyl Benzene	10.25	91	402577	20.02	ug/l	98
68) m/p-Xylenes	10.36	106	323242	41.14	ug/l	97
69) o-Xylene	10.70	106	151013	20.36	ug/l	95
70) Styrene	10.71	104	253662	20.89	ug/l	98
71) Bromoform	10.86	173	60276	18.77	ug/l #	96
73) Isopropylbenzene	11.02	105	383719	19.59	ug/l	97
74) N-amyl acetate	6.46	43	179926	17.67	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	129735	19.33	ug/l	95
76) 1,2,3-Trichloropropane	11.30	75	111474m	19.06	ug/l	
77) Bromobenzene	11.26	156	98292	18.81	ug/l	98
78) n-propylbenzene	11.36	91	450614	20.49	ug/l	97
79) 2-Chlorotoluene	11.42	91	263919	19.68	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	308251	19.30	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34531	17.57	ug/l	95
82) 4-Chlorotoluene	11.51	91	315544	20.09	ug/l	100
83) tert-Butylbenzene	11.77	119	317660	20.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	342410	21.32	ug/l	96
85) sec-Butylbenzene	11.95	105	390983	21.09	ug/l	98
86) p-Isopropyltoluene	12.07	119	345203	20.75	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	187808	19.45	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	187783	20.12	ug/l	99
89) n-Butylbenzene	12.39	91	275057	18.97	ug/l	100
90) Hexachloroethane	12.60	117	49047	18.16	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	177799	18.57	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23719	17.25	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	122285	17.76	ug/l	99
94) Hexachlorobutadiene	13.79	225	57417	19.17	ug/l	100
95) Naphthalene	13.83	128	359314	18.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	123456	17.97	ug/l	100

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

