

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
 Data File : VX002373.D
 Acq On : 07 Jun 2018 13:14
 Operator : JC/MD
 Sample : VX0607WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2018 1:20:24 PM

Quant Time: Jun 07 15:00:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	198439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	184921	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	163671	58.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.50%	
35) Dibromofluoromethane	5.51	113	119155	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
50) Toluene-d8	8.72	98	451659	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	
62) 4-Bromofluorobenzene	11.14	95	171325	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	32856	15.928	ug/l	98
3) Chloromethane	1.32	50	55831	22.014	ug/l	98
4) Vinyl Chloride	1.41	62	54539	20.978	ug/l	99
5) Bromomethane	1.64	94	36647	23.114	ug/l	99
6) Chloroethane	1.72	64	38284	22.765	ug/l	99
7) Trichlorofluoromethane	1.93	101	78546	19.829	ug/l	97
8) Diethyl Ether	2.19	74	38690	26.352	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	38819	18.160	ug/l	98
10) Methyl Iodide	2.51	142	47763	15.886	ug/l	98
11) Tert butyl alcohol	3.07	59	68125	105.717	ug/l	99
12) 1,1-Dichloroethene	2.37	96	43977	20.817	ug/l	98
13) Acrolein	2.30	56	27825	92.613	ug/l	100
14) Allyl chloride	2.73	41	97331	21.230	ug/l	98
15) Acrylonitrile	3.15	53	159648	127.441	ug/l	99
16) Acetone	2.45	43	152975	114.994	ug/l	100
17) Carbon Disulfide	2.57	76	94929	17.049	ug/l	98
18) Methyl Acetate	2.78	43	78589	26.369	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	206126	26.916	ug/l	100
20) Methylene Chloride	2.86	84	60645	25.685	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	52343	22.469	ug/l	99
22) Diisopropyl ether	3.87	45	187045	23.638	ug/l	94
23) Vinyl Acetate	3.83	43	805475	108.380	ug/l	99
24) 1,1-Dichloroethane	3.70	63	107309	23.683	ug/l	99
25) 2-Butanone	4.71	43	203821	104.755	ug/l	99
26) 2,2-Dichloropropane	4.59	77	66877	18.882	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	56145	22.161	ug/l	98
28) Bromochloromethane	5.03	49	47401	22.650	ug/l	98
29) Tetrahydrofuran	5.17	42	131577	104.887	ug/l	99
30) Chloroform	5.22	83	96906	22.163	ug/l	95
31) Cyclohexane	5.58	56	60563	16.903	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	75699	20.415	ug/l	100
36) 1,1-Dichloropropene	5.81	75	60157	17.510	ug/l	99
37) Ethyl Acetate	4.87	43	83360	20.176	ug/l	99
38) Carbon Tetrachloride	5.79	117	59131	16.452	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	56480	13.499	ug/l	97
40) Benzene	6.15	78	211574	20.085	ug/l	99
41) Methacrylonitrile	5.07	41	47624	20.135	ug/l	99
42) 1,2-Dichloroethane	6.20	62	86743	20.726	ug/l	100
43) Isopropyl Acetate	6.47	43	137642	19.614	ug/l	100
44) Trichloroethene	7.22	130	55185	18.876	ug/l	98
45) 1,2-Dichloropropane	7.52	63	58270	20.490	ug/l	98
46) Dibromomethane	7.67	93	38780	20.116	ug/l	97
47) Bromodichloromethane	7.90	83	65887	18.897	ug/l	98
48) Methyl methacrylate	7.78	41	70604	20.029	ug/l	98
49) 1,4-Dioxane	7.76	88	22706	344.501	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	438653	100.373	ug/l	100
52) Toluene	8.79	92	133233	19.886	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	80533	19.260	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	72618	18.408	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	58922	21.383	ug/l	96
56) Ethyl methacrylate	9.18	69	88077	20.020	ug/l	99
57) 1,3-Dichloropropane	9.38	76	96490	20.872	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	209634	102.954	ug/l	99
59) 2-Hexanone	9.50	43	329752	97.688	ug/l	100
60) Dibromochloromethane	9.59	129	52116	18.803	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59237	20.617	ug/l	100
64) Tetrachloroethene	9.34	164	58302	17.968	ug/l	96
65) Chlorobenzene	10.14	112	154752	19.767	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54808	19.335	ug/l	100
67) Ethyl Benzene	10.26	91	257026	19.618	ug/l	99
68) m/p-Xylenes	10.36	106	198479	38.972	ug/l	99
69) o-Xylene	10.70	106	101951	20.116	ug/l	100
70) Styrene	10.71	104	164400	19.842	ug/l	99
71) Bromoform	10.86	173	37431	17.182	ug/l #	99
73) Isopropylbenzene	11.02	105	257802	20.041	ug/l	100
74) N-amyl acetate	6.47	43	137642	19.857	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	83921	20.742	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	82435m	20.316	ug/l	
77) Bromobenzene	11.26	156	74065	20.509	ug/l	99
78) n-propylbenzene	11.37	91	282923	19.788	ug/l	100
79) 2-Chlorotoluene	11.43	91	180837	20.030	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	221003	20.030	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19017	16.429	ug/l	88
82) 4-Chlorotoluene	11.51	91	210447	20.195	ug/l	99
83) tert-Butylbenzene	11.77	119	210701	19.610	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	233237	20.535	ug/l	100
85) sec-Butylbenzene	11.95	105	245843	19.517	ug/l	100
86) p-Isopropyltoluene	12.07	119	222928	19.430	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	128595	19.915	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	128598	19.321	ug/l	100
89) n-Butylbenzene	12.39	91	179148	18.618	ug/l	100
90) Hexachloroethane	12.60	117	30553	16.682	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	136541	20.437	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17012	19.228	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	89535	19.112	ug/l	99
94) Hexachlorobutadiene	13.79	225	39345	16.996	ug/l	100
95) Naphthalene	13.84	128	287260	21.342	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96442	20.186	ug/l	100

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

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