

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
 Data File : VX002384.D
 Acq On : 07 Jun 2018 18:07
 Operator : JC/MD
 Sample : VX0607WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0607WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/8/2018 1:20:27 PM

Quant Time: Jun 08 02:12:13 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	304627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	446905	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	428691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	261886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	216718	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
35) Dibromofluoromethane	5.51	113	167274	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
50) Toluene-d8	8.72	98	643521	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.14	95	240037	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	62926	19.871	ug/l	100
3) Chloromethane	1.32	50	68296	16.923	ug/l	99
4) Vinyl Chloride	1.41	62	77889	19.516	ug/l	98
5) Bromomethane	1.64	94	38895	14.877	ug/l	99
6) Chloroethane	1.72	64	51456	19.931	ug/l	99
7) Trichlorofluoromethane	1.93	101	136237	22.404	ug/l	97
8) Diethyl Ether	2.19	74	47993	20.811	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	76094	23.189	ug/l	99
10) Methyl Iodide	2.51	142	55618	12.050	ug/l	99
11) Tert butyl alcohol	3.08	59	94341	93.263	ug/l	99
12) 1,1-Dichloroethene	2.37	96	66018	20.357	ug/l	98
13) Acrolein	2.29	56	29805	61.554	ug/l	99
14) Allyl chloride	2.73	41	130944	18.606	ug/l	99
15) Acrylonitrile	3.15	53	199148	101.669	ug/l	100
16) Acetone	2.45	43	229545	111.936	ug/l	99
17) Carbon Disulfide	2.57	76	148615	17.387	ug/l	98
18) Methyl Acetate	2.78	43	96356	20.486	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	250922	20.824	ug/l	99
20) Methylene Chloride	2.86	84	75426	20.254	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	71085	19.877	ug/l	92
22) Diisopropyl ether	3.88	45	227013	18.368	ug/l	98
23) Vinyl Acetate	3.83	43	969067	84.939	ug/l	99
24) 1,1-Dichloroethane	3.70	63	117392	16.877	ug/l	98
25) 2-Butanone	4.71	43	270899	90.697	ug/l	97
26) 2,2-Dichloropropane	4.59	77	95529	17.569	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	69936	17.982	ug/l	96
28) Bromochloromethane	5.02	49	62674	18.977	ug/l	99
29) Tetrahydrofuran	5.17	42	165687	86.038	ug/l	99
30) Chloroform	5.22	83	122592	18.264	ug/l	98
31) Cyclohexane	5.57	56	107928	19.622	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	107253	18.842	ug/l	99
36) 1,1-Dichloropropene	5.81	75	88020	18.735	ug/l	98
37) Ethyl Acetate	4.87	43	102847	18.203	ug/l	100
38) Carbon Tetrachloride	5.79	117	92302	18.779	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110211	19.150	ug/l	99
40) Benzene	6.15	78	263496	18.291	ug/l	100
41) Methacrylonitrile	5.07	41	56968	17.613	ug/l	98
42) 1,2-Dichloroethane	6.20	62	104169	18.200	ug/l	100
43) Isopropyl Acetate	6.47	43	169207	17.631	ug/l	100
44) Trichloroethene	7.22	130	73507	18.385	ug/l	94
45) 1,2-Dichloropropane	7.52	63	68633	17.648	ug/l	99
46) Dibromomethane	7.67	93	46832	17.764	ug/l	98
47) Bromodichloromethane	7.90	83	83134	17.435	ug/l	100
48) Methyl methacrylate	7.78	41	86142	17.870	ug/l	99
49) 1,4-Dioxane	7.76	88	34024	377.484	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	548503	91.778	ug/l	99
52) Toluene	8.79	92	172448	18.822	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	99893	17.470	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	92158	17.083	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	70492	18.706	ug/l	96
56) Ethyl methacrylate	9.18	69	109038	18.124	ug/l	99
57) 1,3-Dichloropropane	9.38	76	116418	18.415	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	292168	104.925	ug/l	99
59) 2-Hexanone	9.50	43	430426	93.242	ug/l	100
60) Dibromochloromethane	9.59	129	65571	17.299	ug/l	98
61) 1,2-Dibromoethane	9.68	107	73237	18.639	ug/l	99
64) Tetrachloroethene	9.34	164	82745	18.716	ug/l	97
65) Chlorobenzene	10.14	112	197735	18.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	70343	18.212	ug/l	100
67) Ethyl Benzene	10.26	91	342872	19.207	ug/l	100
68) m/p-Xylenes	10.36	106	261736	37.718	ug/l	99
69) o-Xylene	10.70	106	130519	18.900	ug/l	99
70) Styrene	10.71	104	211584	18.742	ug/l	100
71) Bromoform	10.86	173	48335	16.464	ug/l	99
73) Isopropylbenzene	11.02	105	356087	19.546	ug/l	100
74) N-amyl acetate	6.47	43	169207	17.237	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	104986	18.323	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	100035m	17.408	ug/l	
77) Bromobenzene	11.26	156	93318	18.246	ug/l	99
78) n-propylbenzene	11.37	91	402720	19.888	ug/l	99
79) 2-Chlorotoluene	11.43	91	236437	18.492	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	300056	19.202	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22385	13.655	ug/l	90
82) 4-Chlorotoluene	11.51	91	277462	18.801	ug/l	99
83) tert-Butylbenzene	11.77	119	295568	19.424	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	308817	19.199	ug/l	99
85) sec-Butylbenzene	11.95	105	364710	20.445	ug/l	100
86) p-Isopropyltoluene	12.07	119	325651	20.042	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	172718	18.887	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	174223	18.483	ug/l	99
89) n-Butylbenzene	12.39	91	276179	20.266	ug/l	100
90) Hexachloroethane	12.60	117	41298	15.922	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	176006	18.602	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21873	17.456	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	125053	18.849	ug/l	99
94) Hexachlorobutadiene	13.79	225	67216	20.502	ug/l	99
95) Naphthalene	13.84	128	364221	19.107	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131224	19.394	ug/l	99

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

