

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002399.D
 Acq On : 08 Jun 2018 13:55
 Operator : JC/MD
 Sample : VX0608WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0608WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 9:30:27 AM

Quant Time: Jun 09 01:57:53 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	286543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	397363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243589	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	204128	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
35) Dibromofluoromethane	5.51	113	159620	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.72	98	601237	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
62) 4-Bromofluorobenzene	11.14	95	225618	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	59328	19.92	ug/l	100
3) Chloromethane	1.32	50	66533	17.64	ug/l	99
4) Vinyl Chloride	1.41	62	75714	20.17	ug/l	97
5) Bromomethane	1.64	94	47763	20.51	ug/l	98
6) Chloroethane	1.73	64	51222	21.09	ug/l	99
7) Trichlorofluoromethane	1.93	101	127049	22.21	ug/l	99
8) Diethyl Ether	2.19	74	47517	22.04	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72449	23.47	ug/l	100
10) Methyl Iodide	2.51	142	67024	15.44	ug/l	99
11) Tert butyl alcohol	3.07	59	92622	98.28	ug/l	98
12) 1,1-Dichloroethene	2.37	96	63857	20.93	ug/l	96
13) Acrolein	2.30	56	44448	103.53	ug/l	100
14) Allyl chloride	2.73	41	125345	18.93	ug/l	97
15) Acrylonitrile	3.15	53	196778	107.31	ug/l	100
16) Acetone	2.45	43	210056	108.33	ug/l	99
17) Carbon Disulfide	2.57	76	141072	17.55	ug/l	99
18) Methyl Acetate	2.78	43	94735	21.54	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	240914	21.31	ug/l	100
20) Methylene Chloride	2.86	84	72586	20.79	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	68154	20.26	ug/l	99
22) Diisopropyl ether	3.87	45	223749	19.32	ug/l	95
23) Vinyl Acetate	3.83	43	971551	90.53	ug/l	100
24) 1,1-Dichloroethane	3.70	63	134416	20.54	ug/l	99
25) 2-Butanone	4.71	43	261379	93.03	ug/l	97
26) 2,2-Dichloropropane	4.59	77	93660	18.31	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	68887	18.83	ug/l	95
28) Bromochloromethane	5.02	49	64589	21.16	ug/l	99
29) Tetrahydrofuran	5.17	42	164494	90.81	ug/l	98
30) Chloroform	5.22	83	120653	19.11	ug/l	99
31) Cyclohexane	5.58	56	103207	19.95	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	104843	19.58	ug/l	99
36) 1,1-Dichloropropene	5.80	75	85886	19.71	ug/l	100
37) Ethyl Acetate	4.87	43	100948	19.27	ug/l	100
38) Carbon Tetrachloride	5.79	117	89960	19.74	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	106317	19.91	ug/l	98
40) Benzene	6.15	78	264127	19.77	ug/l	99
41) Methacrylonitrile	5.06	41	55787	18.60	ug/l	97
42) 1,2-Dichloroethane	6.20	62	103849	19.57	ug/l	99
43) Isopropyl Acetate	6.47	43	165569	18.60	ug/l	100
44) Trichloroethene	7.22	130	72204	19.47	ug/l	98
45) 1,2-Dichloropropane	7.52	63	68676	19.04	ug/l	98
46) Dibromomethane	7.67	93	46553	19.04	ug/l	98
47) Bromodichloromethane	7.90	83	83293	18.84	ug/l	99
48) Methyl methacrylate	7.78	41	85313	19.08	ug/l	99
49) 1,4-Dioxane	7.76	88	32518	389.02	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	542768	97.93	ug/l	99
52) Toluene	8.79	92	172233	20.27	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	99483	18.76	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	91473	18.28	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	70066	20.05	ug/l	98
56) Ethyl methacrylate	9.18	69	107445	19.26	ug/l	99
57) 1,3-Dichloropropane	9.38	76	113480	19.36	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	282330	109.33	ug/l	100
59) 2-Hexanone	9.50	43	425851	99.47	ug/l	100
60) Dibromochloromethane	9.59	129	66263	18.85	ug/l	99
61) 1,2-Dibromoethane	9.68	107	72102	19.79	ug/l	99
64) Tetrachloroethene	9.34	164	80059	19.54	ug/l	98
65) Chlorobenzene	10.14	112	194558	19.68	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	69077	19.29	ug/l	100
67) Ethyl Benzene	10.26	91	337684	20.41	ug/l	99
68) m/p-Xylenes	10.37	106	257131	39.98	ug/l	100
69) o-Xylene	10.70	106	128273	20.04	ug/l	98
70) Styrene	10.71	104	208163	19.89	ug/l	99
71) Bromoform	10.86	173	49134	17.72	ug/l #	100
73) Isopropylbenzene	11.02	105	348342	20.56	ug/l	100
74) N-amyl acetate	6.47	43	165569	18.13	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	103637	19.45	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	100787m	18.86	ug/l	
77) Bromobenzene	11.26	156	92669	19.48	ug/l	99
78) n-propylbenzene	11.37	91	388806	20.64	ug/l	100
79) 2-Chlorotoluene	11.43	91	232561	19.56	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	291628	20.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	25139	16.49	ug/l	92
82) 4-Chlorotoluene	11.51	91	273312	19.91	ug/l	100
83) tert-Butylbenzene	11.77	119	291632	20.61	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	302127	20.19	ug/l	100
85) sec-Butylbenzene	11.95	105	356431	21.48	ug/l	100
86) p-Isopropyltoluene	12.07	119	318767	21.09	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	167007	19.63	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	171612	19.57	ug/l	99
89) n-Butylbenzene	12.39	91	270946	21.38	ug/l	99
90) Hexachloroethane	12.60	117	44358	18.39	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	172168	19.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	22292	19.13	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	123295	19.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	65975	21.64	ug/l	100
95) Naphthalene	13.84	128	356034	20.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	126791	20.15	ug/l	100

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

