

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052418\
 Data File : VX001947.D
 Acq On : 24 May 2018 18:02
 Operator : JC/MD
 Sample : VX0524WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/25/2018 2:25:54 PM

Quant Time: May 25 03:58:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	424705	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	385692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	247072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	263858	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	5.51	113	204993	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	8.72	98	755976	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.14	95	283207	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78619	20.08	ug/l	98
3) Chloromethane	1.32	50	93782	20.67	ug/l	99
4) Vinyl Chloride	1.40	62	89547	20.44	ug/l	98
5) Bromomethane	1.64	94	55878	27.27	ug/l	99
6) Chloroethane	1.72	64	53843	20.85	ug/l	100
7) Trichlorofluoromethane	1.93	101	137867	20.95	ug/l	99
8) Diethyl Ether	2.19	74	51958	21.76	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	75802	20.65	ug/l	98
10) Methyl Iodide	2.51	142	95057	19.13	ug/l	100
11) Tert butyl alcohol	3.09	59	127790	123.49	ug/l	100
12) 1,1-Dichloroethene	2.37	96	71823	20.89	ug/l	97
13) Acrolein	2.30	56	45747	102.25	ug/l	99
14) Allyl chloride	2.73	41	152792	21.17	ug/l	100
15) Acrylonitrile	3.15	53	234810	110.35	ug/l	100
16) Acetone	2.45	43	224155	110.18	ug/l	100
17) Carbon Disulfide	2.57	76	202793	20.50	ug/l	100
18) Methyl Acetate	2.79	43	120621	24.02	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	274662	21.24	ug/l	99
20) Methylene Chloride	2.86	84	80371	21.88	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	76522	21.98	ug/l	97
22) Diisopropyl ether	3.89	45	277405	18.90	ug/l	96
23) Vinyl Acetate	3.83	43	1229217	101.01	ug/l	100
24) 1,1-Dichloroethane	3.70	63	148151	21.25	ug/l	98
25) 2-Butanone	4.73	43	405625	108.78	ug/l	99
26) 2,2-Dichloropropane	4.59	77	115752	16.40	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	91066	20.32	ug/l	96
28) Bromochloromethane	5.03	49	69230	22.51	ug/l	98
29) Tetrahydrofuran	5.18	42	264421	108.99	ug/l	100
30) Chloroform	5.22	83	159389	20.29	ug/l	99
31) Cyclohexane	5.57	56	144190	19.85	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	148217	20.24	ug/l	100
36) 1,1-Dichloropropene	5.81	75	112709	19.08	ug/l	98
37) Ethyl Acetate	4.88	43	158340	20.56	ug/l	99
38) Carbon Tetrachloride	5.79	117	134706	19.55	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	136322	18.78	ug/l	97
40) Benzene	6.15	78	339043	19.59	ug/l	99
41) Methacrylonitrile	5.07	41	88877	21.08	ug/l	98
42) 1,2-Dichloroethane	6.21	62	133224	19.27	ug/l	100
43) Isopropyl Acetate	6.48	43	261919	20.41	ug/l	100
44) Trichloroethene	7.22	130	98155	19.46	ug/l	98
45) 1,2-Dichloropropane	7.52	63	93940	19.99	ug/l	99
46) Dibromomethane	7.67	93	62550	20.10	ug/l	98
47) Bromodichloromethane	7.91	83	130484	19.67	ug/l	99
48) Methyl methacrylate	7.79	41	131469	20.13	ug/l	98
49) 1,4-Dioxane	7.77	88	50172	435.93	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	825769	106.75	ug/l	98
52) Toluene	8.79	92	215872	19.60	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	147167	19.26	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	143060	19.21	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	88705	19.28	ug/l	99
56) Ethyl methacrylate	9.19	69	153540	19.40	ug/l	99
57) 1,3-Dichloropropane	9.38	76	150508	19.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	348496	99.35	ug/l	99
59) 2-Hexanone	9.51	43	634198	106.32	ug/l	99
60) Dibromochloromethane	9.59	129	105722	19.40	ug/l	98
61) 1,2-Dibromoethane	9.68	107	94930	19.66	ug/l	99
64) Tetrachloroethene	9.34	164	107672	19.47	ug/l	99
65) Chlorobenzene	10.15	112	240798	19.71	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	98545	19.97	ug/l	98
67) Ethyl Benzene	10.26	91	417246	19.65	ug/l	100
68) m/p-Xylenes	10.37	106	319486	39.37	ug/l	99
69) o-Xylene	10.71	106	158953	19.62	ug/l	100
70) Styrene	10.72	104	263056	19.57	ug/l	100
71) Bromoform	10.87	173	90440	19.33	ug/l #	100
73) Isopropylbenzene	11.02	105	426205	20.37	ug/l	99
74) N-amyl acetate	6.48	43	261919	22.39	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	129497	21.92	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	139209m	23.46	ug/l	
77) Bromobenzene	11.26	156	111473	20.08	ug/l	100
78) n-propylbenzene	11.37	91	470809	20.09	ug/l	99
79) 2-Chlorotoluene	11.43	91	286700	20.96	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	357886	20.02	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	46089	18.67	ug/l	98
82) 4-Chlorotoluene	11.52	91	328226	19.86	ug/l	99
83) tert-Butylbenzene	11.77	119	347918	19.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	366713	19.85	ug/l	100
85) sec-Butylbenzene	11.95	105	420568	19.94	ug/l	100
86) p-Isopropyltoluene	12.07	119	374712	19.85	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	193679	19.48	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	192962	19.42	ug/l	99
89) n-Butylbenzene	12.39	91	305892	19.13	ug/l	100
90) Hexachloroethane	12.60	117	74735	20.07	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	202062	19.95	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39692	21.34	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	137600	19.00	ug/l	99
94) Hexachlorobutadiene	13.79	225	74652	19.16	ug/l	100
95) Naphthalene	13.84	128	460535	20.64	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	146784	19.59	ug/l	100

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

