

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052418\
 Data File : VX001945.D
 Acq On : 24 May 2018 17:08
 Operator : JC/MD
 Sample : VX0524WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBS01

Manual Integrations
 APPROVED

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

Quant Time: May 25 03:53:04 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	313892	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	443650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	279539	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	5.51	113	217466	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	8.72	98	794371	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.14	95	301568	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81650	19.55	ug/l	99
3) Chloromethane	1.32	50	93813	19.42	ug/l	99
4) Vinyl Chloride	1.40	62	90803	19.47	ug/l	99
5) Bromomethane	1.64	94	58262	26.69	ug/l	99
6) Chloroethane	1.72	64	54063	19.67	ug/l	99
7) Trichlorofluoromethane	1.93	101	143234	20.45	ug/l	99
8) Diethyl Ether	2.19	74	52083	20.50	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	79144	20.25	ug/l	99
10) Methyl Iodide	2.51	142	87241	16.50	ug/l	99
11) Tert butyl alcohol	3.09	59	130412	118.41	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73653	20.13	ug/l	99
13) Acrolein	2.30	56	47635	100.03	ug/l	96
14) Allyl chloride	2.73	41	157314	20.48	ug/l	99
15) Acrylonitrile	3.16	53	240970	106.40	ug/l	99
16) Acetone	2.45	43	258692	119.47	ug/l	98
17) Carbon Disulfide	2.57	76	207233	19.68	ug/l	100
18) Methyl Acetate	2.78	43	117121	21.81	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	283148	20.58	ug/l	100
20) Methylene Chloride	2.86	84	82313	20.99	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	77060	20.71	ug/l	98
22) Diisopropyl ether	3.88	45	284491	18.21	ug/l	95
23) Vinyl Acetate	3.83	43	1296210	100.08	ug/l	100
24) 1,1-Dichloroethane	3.70	63	150618	20.30	ug/l	99
25) 2-Butanone	4.73	43	436270	109.93	ug/l	99
26) 2,2-Dichloropropane	4.59	77	151805	20.21	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	94179	19.74	ug/l	93
28) Bromochloromethane	5.03	49	72357	22.06	ug/l	99
29) Tetrahydrofuran	5.18	42	272508	105.54	ug/l	100
30) Chloroform	5.23	83	164655	19.70	ug/l	97
31) Cyclohexane	5.58	56	148102	19.16	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	151803	19.48	ug/l	100
36) 1,1-Dichloropropene	5.81	75	116146	18.82	ug/l	99
37) Ethyl Acetate	4.88	43	162405	20.19	ug/l	100
38) Carbon Tetrachloride	5.79	117	138959	19.31	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	145573	19.20	ug/l	99
40) Benzene	6.15	78	353155	19.53	ug/l	98
41) Methacrylonitrile	5.07	41	92578	21.02	ug/l	97
42) 1,2-Dichloroethane	6.21	62	138165	19.13	ug/l	99
43) Isopropyl Acetate	6.48	43	269867	20.13	ug/l	100
44) Trichloroethene	7.22	130	100314	19.04	ug/l	98
45) 1,2-Dichloropropane	7.52	63	95269	19.40	ug/l	100
46) Dibromomethane	7.67	93	62659	19.28	ug/l	99
47) Bromodichloromethane	7.91	83	132553	19.12	ug/l	99
48) Methyl methacrylate	7.79	41	135269	19.83	ug/l	98
49) 1,4-Dioxane	7.77	88	50284	418.24	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	839856	103.93	ug/l	99
52) Toluene	8.79	92	221142	19.22	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	156963	19.66	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	150568	19.36	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	91082	18.95	ug/l	98
56) Ethyl methacrylate	9.19	69	157811	19.09	ug/l	100
57) 1,3-Dichloropropane	9.38	76	153328	19.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	353406	96.45	ug/l	99
59) 2-Hexanone	9.51	43	661072	106.10	ug/l	99
60) Dibromochloromethane	9.59	129	109898	19.30	ug/l	99
61) 1,2-Dibromoethane	9.68	107	98043	19.44	ug/l	98
64) Tetrachloroethene	9.34	164	110739	19.32	ug/l	99
65) Chlorobenzene	10.15	112	247912	19.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	99732	19.50	ug/l	100
67) Ethyl Benzene	10.26	91	432513	19.65	ug/l	100
68) m/p-Xylenes	10.37	106	328009	38.99	ug/l	99
69) o-Xylene	10.71	106	162632	19.36	ug/l	99
70) Styrene	10.72	104	269491	19.35	ug/l	99
71) Bromoform	10.87	173	93472	19.27	ug/l #	99
73) Isopropylbenzene	11.02	105	438780	20.10	ug/l	100
74) N-amyl acetate	6.48	43	269867	22.07	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	133707	21.68	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	145532m	23.50	ug/l	
77) Bromobenzene	11.26	156	113886	19.66	ug/l	99
78) n-propylbenzene	11.37	91	486788	19.91	ug/l	99
79) 2-Chlorotoluene	11.43	91	296481	20.76	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	369834	19.82	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	50370	19.55	ug/l	97
82) 4-Chlorotoluene	11.52	91	342898	19.89	ug/l	98
83) tert-Butylbenzene	11.77	119	370990	20.27	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	376446	19.53	ug/l	100
85) sec-Butylbenzene	11.95	105	438944	19.95	ug/l	99
86) p-Isopropyltoluene	12.07	119	388719	19.74	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	201134	19.39	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	200580	19.34	ug/l	99
89) n-Butylbenzene	12.40	91	325991	19.54	ug/l	99
90) Hexachloroethane	12.60	117	78177	20.13	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	209429	19.82	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40435	20.83	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	144290	19.09	ug/l	100
94) Hexachlorobutadiene	13.79	225	78002	19.19	ug/l	98
95) Naphthalene	13.84	128	471259	20.24	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	151974	19.44	ug/l	100

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

