

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052418\
 Data File : VX001935.D
 Acq On : 24 May 2018 10:26
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/25/2018 2:25:49 PM

Quant Time: May 24 13:09:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 12:37:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	396795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	523365	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	462408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	287185	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	7979	1.55	ug/l	91
3) Chloromethane	1.32	50	7387	1.26	ug/l	98
4) Vinyl Chloride	1.40	62	6726	1.19	ug/l	95
5) Bromomethane	1.64	94	4540	1.66	ug/l	93
6) Chloroethane	1.73	64	3969	1.19	ug/l	100
7) Trichlorofluoromethane	1.93	101	10902	1.27	ug/l	98
8) Diethyl Ether	2.20	74	3640	1.16	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	6272	1.33	ug/l #	87
12) 1,1-Dichloroethene	2.37	96	5586	1.27	ug/l	99
14) Allyl chloride	2.73	41	11456	1.21	ug/l	87
15) Acrylonitrile	3.15	53	16152	5.71	ug/l	94
16) Acetone	2.45	43	15914	6.01	ug/l	91
17) Carbon Disulfide	2.57	76	15798	1.23	ug/l	100
18) Methyl Acetate	2.79	43	10220	1.49	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	20584	1.22	ug/l	94
20) Methylene Chloride	2.86	84	7288	1.48	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	6418	1.36	ug/l	86
22) Diisopropyl ether	3.87	45	23234	1.17	ug/l #	85
23) Vinyl Acetate	3.83	43	96960	6.02	ug/l	98
24) 1,1-Dichloroethane	3.70	63	11075	1.21	ug/l	95
25) 2-Butanone	4.71	43	27532	5.51	ug/l	98
26) 2,2-Dichloropropane	4.58	77	11924	1.32	ug/l #	74
27) cis-1,2-Dichloroethene	4.60	96	7134	1.22	ug/l	17
28) Bromochloromethane	5.03	49	3460	0.83	ug/l #	96
29) Tetrahydrofuran	5.18	42	18534	5.74	ug/l	98
30) Chloroform	5.22	83	13005	1.29	ug/l	98
31) Cyclohexane	5.58	56	12319	1.32	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	11687	1.22	ug/l	97
36) 1,1-Dichloropropene	5.80	75	9089	1.30	ug/l	91
37) Ethyl Acetate	4.87	43	11561	1.25	ug/l #	94
38) Carbon Tetrachloride	5.79	117	10376	1.27	ug/l	86
39) Methylcyclohexane	7.46	83	11306	1.33	ug/l	93
40) Benzene	6.15	78	24844	1.20	ug/l	97
41) Methacrylonitrile	5.07	41	8806	1.71	ug/l #	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	6.20	62	10780	1.33	ug/l #	76
43) Isopropyl Acetate	6.48	43	17830	1.15	ug/l	97
44) Trichloroethene	7.21	130	7529	1.26	ug/l	98
45) 1,2-Dichloropropane	7.52	63	7173	1.30	ug/l	98
46) Dibromomethane	7.67	93	4518	1.21	ug/l	94
47) Bromodichloromethane	7.91	83	10213	1.30	ug/l #	90
48) Methyl methacrylate	7.78	41	9187	1.18	ug/l	93
49) 1,4-Dioxane	7.76	88	3201	22.71	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	54325	5.81	ug/l	99
52) Toluene	8.79	92	16344	1.25	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	10541	1.14	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	10358	1.16	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	7276	1.35	ug/l	97
56) Ethyl methacrylate	9.18	69	12149	1.31	ug/l	97
57) 1,3-Dichloropropane	9.38	76	11165	1.24	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.32	63	24343	5.84	ug/l	97
59) 2-Hexanone	9.50	43	40257	5.56	ug/l	98
60) Dibromochloromethane	9.59	129	7634	1.17	ug/l	90
61) 1,2-Dibromoethane	9.68	107	6963	1.21	ug/l	96
64) Tetrachloroethene	9.34	164	8385	1.32	ug/l	98
65) Chlorobenzene	10.14	112	17966	1.28	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	7141	1.27	ug/l	97
67) Ethyl Benzene	10.26	91	30441	1.23	ug/l	98
68) m/p-Xylenes	10.37	106	23372	2.48	ug/l	98
69) o-Xylene	10.70	106	11698	1.26	ug/l	100
70) Styrene	10.72	104	18882	1.21	ug/l	97
71) Bromoform	10.86	173	6296	1.15	ug/l #	99
73) Isopropylbenzene	11.02	105	30370	1.31	ug/l	98
74) N-amyl acetate	6.48	43	17830	1.31	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	9523	1.41	ug/l	94
76) 1,2,3-Trichloropropane	11.30	75	8476m	1.34	ug/l	
77) Bromobenzene	11.26	156	7779	1.26	ug/l	98
78) n-propylbenzene	11.37	91	33673	1.28	ug/l	96
79) 2-Chlorotoluene	11.43	91	21938	1.39	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	26108	1.32	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	3596	1.35	ug/l #	79
82) 4-Chlorotoluene	11.52	91	23803	1.30	ug/l	96
83) tert-Butylbenzene	11.77	119	25432	1.33	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	27246	1.34	ug/l	99
85) sec-Butylbenzene	11.95	105	30543	1.30	ug/l	98
86) p-Isopropyltoluene	12.07	119	27215	1.29	ug/l	93
87) 1,3-Dichlorobenzene	12.03	146	14034	1.28	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	14214m	1.28	ug/l	
89) n-Butylbenzene	12.39	91	22225	1.21	ug/l	98
90) Hexachloroethane	12.60	117	5489	1.33	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	14319	1.27	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	2527	1.22	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	9873	1.20	ug/l	98
94) Hexachlorobutadiene	13.79	225	5435	1.23	ug/l	95
95) Naphthalene	13.84	128	30120	1.19	ug/l	99

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96) 1,2,3-Trichlorobenzene	14.02	180	10169	1.20	ug/l	98

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

