

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
 Data File : VX003864.D
 Acq On : 06 Aug 2018 16:27
 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
 8/7/2018 1:12:37 PM

Quant Time: Aug 07 07:08:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 06:57:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	384728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	561422	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	471565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	241668	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	4107	1.09	ug/l	96
3) Chloromethane	1.32	50	6370	1.03	ug/l	100
4) Vinyl Chloride	1.40	62	6034	1.23	ug/l	97
5) Bromomethane	1.65	94	4748	1.80	ug/l	93
6) Chloroethane	1.73	64	3811	1.36	ug/l	98
7) Trichlorofluoromethane	1.93	101	7908	1.26	ug/l	99
8) Diethyl Ether	2.18	74	3533	1.29	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5145	1.29	ug/l	98
12) 1,1-Dichloroethene	2.37	96	4889	1.27	ug/l	95
14) Allyl chloride	2.73	41	8419	1.17	ug/l	92
15) Acrylonitrile	3.15	53	15870	6.08	ug/l	98
16) Acetone	2.45	43	17998	6.72	ug/l	99
17) Carbon Disulfide	2.57	76	17835	1.64	ug/l	100
18) Methyl Acetate	2.78	43	7182	1.17	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	15583	1.17	ug/l	97
20) Methylene Chloride	2.85	84	19462	4.16	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	5825	1.37	ug/l	90
22) Diisopropyl ether	3.87	45	17250	1.26	ug/l	98
23) Vinyl Acetate	3.82	43	65327	5.77	ug/l	99
24) 1,1-Dichloroethane	3.70	63	9773	1.26	ug/l	93
25) 2-Butanone	4.70	43	24172	5.43	ug/l	98
26) 2,2-Dichloropropane	4.58	77	7141	1.34	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	5639	1.18	ug/l	95
28) Bromochloromethane	5.02	49	3805	1.06	ug/l #	98
29) Tetrahydrofuran	5.17	42	12488	5.50	ug/l	99
30) Chloroform	5.21	83	8898	1.12	ug/l	94
31) Cyclohexane	5.57	56	8191	1.22	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	6802	1.02	ug/l #	47
36) 1,1-Dichloropropene	5.80	75	7211	1.19	ug/l	98
37) Ethyl Acetate	4.86	43	7429	1.07	ug/l	98
38) Carbon Tetrachloride	5.78	117	6214	1.03	ug/l	92
39) Methylcyclohexane	7.46	83	8084	1.16	ug/l	98
40) Benzene	6.14	78	20594	1.11	ug/l	99
41) Methacrylonitrile	5.06	41	3952	1.06	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	6971	1.12	ug/l	97
43) Isopropyl Acetate	6.46	43	10144	0.98	ug/l	98
44) Trichloroethene	7.21	130	5941	1.18	ug/l	90
45) 1,2-Dichloropropane	7.51	63	5353	1.11	ug/l	97
46) Dibromomethane	7.67	93	3571	1.15	ug/l	94
47) Bromodichloromethane	7.90	83	5973	1.02	ug/l	98
48) Methyl methacrylate	7.77	41	4868	0.93	ug/l	97
49) 1,4-Dioxane	7.76	88	2199	17.71	ug/l #	90
51) 4-Methyl-2-Pentanone	8.65	43	39099	4.52	ug/l	99
52) Toluene	8.79	92	11941	1.04	ug/l	94
53) t-1,3-Dichloropropene	9.04	75	6304	0.98	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	6810	0.97	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	5172	1.07	ug/l	94
56) Ethyl methacrylate	9.18	69	6037	0.89	ug/l #	93
57) 1,3-Dichloropropane	9.37	76	8545	1.09	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	14338	4.14	ug/l	99
59) 2-Hexanone	9.50	43	27722	4.20	ug/l	96
60) Dibromochloromethane	9.59	129	4275	0.91	ug/l	99
61) 1,2-Dibromoethane	9.67	107	5046	1.02	ug/l	98
64) Tetrachloroethene	9.34	164	5791	1.33	ug/l	94
65) Chlorobenzene	10.14	112	14280	1.21	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	4154	1.01	ug/l #	64
67) Ethyl Benzene	10.25	91	21268	1.12	ug/l	99
68) m/p-Xylenes	10.36	106	16564	2.25	ug/l	93
69) o-Xylene	10.70	106	7377	1.04	ug/l	92
70) Styrene	10.71	104	11411	0.98	ug/l	98
71) Bromoform	10.86	173	2745	0.82	ug/l #	98
73) Isopropylbenzene	11.02	105	18125	1.12	ug/l	96
74) N-amyl acetate	6.46	43	10144	1.28	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	6716	1.19	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	5839m	1.19	ug/l	
77) Bromobenzene	11.26	156	5508	1.25	ug/l	98
78) n-propylbenzene	11.36	91	20767	1.16	ug/l	100
79) 2-Chlorotoluene	11.42	91	13057	1.19	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	13959	1.06	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.08	75	1543	0.98	ug/l	88
82) 4-Chlorotoluene	11.51	91	15350	1.21	ug/l	99
83) tert-Butylbenzene	11.77	119	14331	1.07	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	14397	1.06	ug/l	100
85) sec-Butylbenzene	11.94	105	17165	1.10	ug/l	98
86) p-Isopropyltoluene	12.07	119	15195	1.08	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	11159	1.35	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	12025m	1.41	ug/l	
89) n-Butylbenzene	12.39	91	14225	1.17	ug/l	99
90) Hexachloroethane	12.60	117	2516	1.10	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	10291	1.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1251	1.00	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	7498	1.26	ug/l	99
94) Hexachlorobutadiene	13.78	225	3937	1.37	ug/l	100
95) Naphthalene	13.83	128	16694	0.97	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	6941	1.13	ug/l	99

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

