

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006588.D
 Acq On : 18 Dec 2018 10:45
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 11:21:48 AM

Quant Time: Dec 19 00:47:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 00:31:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	670672	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1047998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	960134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	480975	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	7047	1.149	ug/l	97
3) Chloromethane	1.33	50	8236	1.246	ug/l	94
4) Vinyl Chloride	1.41	62	7727	1.119	ug/l	98
5) Bromomethane	1.64	94	10637	1.417	ug/l	91
6) Chloroethane	1.72	64	4895	1.024	ug/l	96
7) Trichlorofluoromethane	1.93	101	11372	1.057	ug/l	93
8) Diethyl Ether	2.19	74	5412	1.266	ug/l	74
9) 1,1,2-Trichlorotrifluoroet	2.39	101	7223	1.143	ug/l	87
12) 1,1-Dichloroethene	2.37	96	6761	1.128	ug/l	93
14) Allyl chloride	2.73	41	10534	1.044	ug/l	97
15) Acrylonitrile	3.14	53	18256	5.097	ug/l	96
16) Acetone	2.44	43	20387	6.139	ug/l	91
17) Carbon Disulfide	2.57	76	19694	1.242	ug/l	96
18) Methyl Acetate	2.77	43	10662	1.092	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	19887	1.000	ug/l	97
20) Methylene Chloride	2.86	84	8509	1.239	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	8575	1.292	ug/l #	89
22) Diisopropyl ether	3.85	45	18588	1.007	ug/l	93
23) Vinyl Acetate	3.81	43	76043	5.038	ug/l	99
24) 1,1-Dichloroethane	3.70	63	12799	1.162	ug/l	100
25) 2-Butanone	4.68	43	27249	5.833	ug/l	97
26) 2,2-Dichloropropane	4.57	77	9781	1.150	ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	7852	1.072	ug/l	89
28) Bromochloromethane	5.01	49	6681	1.319	ug/l	98
29) Tetrahydrofuran	5.14	42	17655	5.738	ug/l	99
30) Chloroform	5.20	83	12973	1.137	ug/l	93
31) Cyclohexane	5.56	56	11515	1.151	ug/l #	76
32) 1,1,1-Trichloroethane	5.48	97	9608	0.998	ug/l #	39
36) 1,1-Dichloropropene	5.79	75	9391	1.082	ug/l #	87
37) Ethyl Acetate	4.84	43	10528	1.165	ug/l #	87
38) Carbon Tetrachloride	5.77	117	9022	1.070	ug/l	89
39) Methylcyclohexane	7.46	83	13359	1.169	ug/l	93
40) Benzene	6.13	78	28533	1.081	ug/l	99
41) Methacrylonitrile	5.05	41	4553	0.897	ug/l #	72

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

42) 1,2-Dichloroethane	6.19	62	10383	1.155	ug/l	96
43) Isopropyl Acetate	6.46	43	13410	0.976	ug/l #	87
44) Trichloroethene	7.21	130	9421	1.180	ug/l	98
45) 1,2-Dichloropropane	7.51	63	7058	1.099	ug/l	99
46) Dibromomethane	7.66	93	5278	1.118	ug/l	93
47) Bromodichloromethane	7.89	83	8120	1.036	ug/l	85
48) Methyl methacrylate	7.77	41	6499	0.930	ug/l #	87
49) 1,4-Dioxane	7.75	88	5200	26.292	ug/l #	91
51) 4-Methyl-2-Pentanone	8.64	43	42433	4.852	ug/l	100
52) Toluene	8.78	92	17966	1.054	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	7418	0.882	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	7839	0.850	ug/l #	85
55) 1,1,2-Trichloroethane	9.21	97	7441	1.067	ug/l	89
56) Ethyl methacrylate	9.18	69	9405	0.954	ug/l	94
57) 1,3-Dichloropropane	9.37	76	12397	1.104	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	27411	5.229	ug/l	96
59) 2-Hexanone	9.49	43	31508	4.708	ug/l	94
60) Dibromochloromethane	9.58	129	5091	0.792	ug/l	96
61) 1,2-Dibromoethane	9.67	107	7383	0.995	ug/l	95
64) Tetrachloroethene	9.33	164	8592	1.130	ug/l	92
65) Chlorobenzene	10.13	112	22935	1.129	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	5426	0.856	ug/l #	63
67) Ethyl Benzene	10.25	91	36457	1.098	ug/l	96
68) m/p-Xylenes	10.35	106	26604	2.031	ug/l	98
69) o-Xylene	10.69	106	13614	1.053	ug/l	94
70) Styrene	10.71	104	20317	0.993	ug/l	94
71) Bromoform	10.86	173	3937	0.816	ug/l #	90
73) Isopropylbenzene	11.01	105	34149	1.038	ug/l	100
74) N-amyl acetate	10.90	43	10312	0.876	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.26	83	9405	0.961	ug/l	93
76) 1,2,3-Trichloropropane	11.29	75	7828m	0.919	ug/l	
77) Bromobenzene	11.25	156	9368	1.053	ug/l	94
78) n-propylbenzene	11.36	91	36337	1.003	ug/l	97
79) 2-Chlorotoluene	11.41	91	24160	1.100	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	27351	1.009	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	2243	0.899	ug/l #	81
82) 4-Chlorotoluene	11.51	91	26450	1.050	ug/l	98
83) tert-Butylbenzene	11.77	119	26131	0.963	ug/l	86
84) 1,2,4-Trimethylbenzene	11.80	105	32283	1.132	ug/l	87
85) sec-Butylbenzene	11.94	105	34592	1.040	ug/l	96
86) p-Isopropyltoluene	12.06	119	28180	0.964	ug/l	90
87) 1,3-Dichlorobenzene	12.02	146	16857	1.051	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	18425m	1.120	ug/l	
89) n-Butylbenzene	12.38	91	24040	0.966	ug/l	99
90) Hexachloroethane	12.60	117	3257	0.818	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	17344	1.081	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	2139	1.056	ug/l	74
93) 1,2,4-Trichlorobenzene	13.65	180	11566	1.045	ug/l	91
94) Hexachlorobutadiene	13.78	225	6330	1.214	ug/l	90
95) Naphthalene	13.83	128	40029	1.134	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	13743	1.203	ug/l	95

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

