

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071918\
 Data File : VX003462.D
 Acq On : 19 Jul 2018 13:02
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC01

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 5:22:06 PM

Quant Time: Jul 19 15:25:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 15:12:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	258125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355787	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198951	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	3544	1.29	ug/l	100
3) Chloromethane	1.32	50	4328	1.33	ug/l	93
4) Vinyl Chloride	1.40	62	4484	1.33	ug/l	99
5) Bromomethane	1.64	94	3850	1.89	ug/l	90
6) Chloroethane	1.73	64	2806	1.26	ug/l	89
7) Trichlorofluoromethane	1.93	101	6154	1.12	ug/l #	82
8) Diethyl Ether	2.19	74	2643	1.26	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4127	1.34	ug/l	96
12) 1,1-Dichloroethene	2.37	96	3888	1.35	ug/l	93
14) Allyl chloride	2.73	41	6798	1.19	ug/l	90
15) Acrylonitrile	3.14	53	11189	6.32	ug/l	99
16) Acetone	2.44	43	8545	4.94	ug/l #	81
17) Carbon Disulfide	2.57	76	13879	2.03	ug/l	98
18) Methyl Acetate	2.77	43	5558	1.21	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	11507	1.06	ug/l	99
20) Methylene Chloride	2.86	84	5893	1.66	ug/l #	81
21) trans-1,2-Dichloroethene	3.17	96	4555	1.46	ug/l	81
22) Diisopropyl ether	3.87	45	12381	1.19	ug/l #	89
23) Vinyl Acetate	3.82	43	49007	5.65	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	7426	1.32	ug/l	97
25) 2-Butanone	4.70	43	12094	5.32	ug/l	93
26) 2,2-Dichloropropane	4.59	77	5140	1.27	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	4243	1.33	ug/l #	1
28) Bromochloromethane	5.01	49	2821	1.07	ug/l #	86
29) Tetrahydrofuran	5.16	42	8675	5.82	ug/l	95
30) Chloroform	5.21	83	6825	1.26	ug/l	93
31) Cyclohexane	5.57	56	5376	1.16	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	5402	1.19	ug/l #	50
36) 1,1-Dichloropropene	5.80	75	5109	1.35	ug/l	92
37) Ethyl Acetate	4.86	43	4534	1.06	ug/l #	82
38) Carbon Tetrachloride	5.78	117	4656	1.24	ug/l	89
39) Methylcyclohexane	7.46	83	5170	1.17	ug/l	88
40) Benzene	6.14	78	14493	1.28	ug/l	96
41) Methacrylonitrile	5.06	41	2950	1.22	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	4872	1.11	ug/l	95
43) Isopropyl Acetate	6.46	43	6829	0.96	ug/l	94
44) Trichloroethene	7.21	130	4537	1.39	ug/l	89
45) 1,2-Dichloropropane	7.52	63	3651	1.22	ug/l	89
46) Dibromomethane	7.66	93	2535	1.27	ug/l	97
47) Bromodichloromethane	7.90	83	4211	1.20	ug/l	94
48) Methyl methacrylate	7.78	41	3560	0.98	ug/l	94
49) 1,4-Dioxane	7.76	88	1571	22.91	ug/l #	80
51) 4-Methyl-2-Pentanone	8.65	43	20326	4.47	ug/l	93
52) Toluene	8.79	92	8654	1.20	ug/l	99
53) t-1,3-Dichloropropene	8.43	75	4517	1.09	ug/l	93
54) cis-1,3-Dichloropropene	9.04	75	4492	1.17	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	3538	1.21	ug/l	97
56) Ethyl methacrylate	9.18	69	3983	0.89	ug/l	97
57) 1,3-Dichloropropane	9.37	76	5934	1.20	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	12118	5.57	ug/l	100
59) 2-Hexanone	9.50	43	15130	4.41	ug/l	93
60) Dibromochloromethane	9.59	129	3157	1.12	ug/l	99
61) 1,2-Dibromoethane	9.68	107	3612	1.19	ug/l	95
64) Tetrachloroethene	9.34	164	5073	1.38	ug/l	98
65) Chlorobenzene	10.14	112	10762	1.32	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	3183	1.15	ug/l #	67
67) Ethyl Benzene	10.26	91	15664	1.14	ug/l	99
68) m/p-Xylenes	10.36	106	11712	2.22	ug/l	97
69) o-Xylene	10.70	106	5687	1.10	ug/l	98
70) Styrene	10.71	104	9042	1.06	ug/l	98
71) Bromoform	10.86	173	2136	1.03	ug/l #	92
73) Isopropylbenzene	11.02	105	15501	1.16	ug/l	98
74) N-amyl acetate	6.46	43	6829	1.03	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.27	83	4818	1.23	ug/l	96
76) 1,2,3-Trichloropropane	11.30	75	4279m	1.14	ug/l	
77) Bromobenzene	11.26	156	4980	1.34	ug/l	97
78) n-propylbenzene	11.36	91	16827	1.10	ug/l	100
79) 2-Chlorotoluene	11.42	91	11431	1.25	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	11876	1.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	924	0.93	ug/l #	81
82) 4-Chlorotoluene	11.51	91	12141	1.13	ug/l	94
83) tert-Butylbenzene	11.77	119	11847	1.09	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	11815	1.03	ug/l	97
85) sec-Butylbenzene	11.95	105	14946	1.11	ug/l	100
86) p-Isopropyltoluene	12.07	119	12650	1.04	ug/l	95
87) 1,3-Dichlorobenzene	12.03	146	9354	1.38	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	10342	1.50	ug/l	84
89) n-Butylbenzene	12.39	91	12140	1.13	ug/l	98
90) Hexachloroethane	12.60	117	1762	1.05	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	9591	1.40	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	833	1.01	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	6695	1.35	ug/l	96
94) Hexachlorobutadiene	13.79	225	3820	1.46	ug/l	96
95) Naphthalene	13.83	128	16791	1.26	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	6671	1.34	ug/l	96

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

