

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005383.D
 Acq On : 17 Oct 2018 10:24
 Operator : JC/MD
 Sample : VX1017WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/19/2018 12:23:16 PM

Quant Time: Oct 17 17:13:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	267884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200554	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141951	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	5.50	113	116625	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
50) Toluene-d8	8.71	98	442327	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.14	95	162935	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	39089	18.66	ug/l	99
3) Chloromethane	1.32	50	53533	17.64	ug/l	97
4) Vinyl Chloride	1.40	62	55977	18.21	ug/l	98
5) Bromomethane	1.64	94	34413	20.17	ug/l	96
6) Chloroethane	1.71	64	35399	18.53	ug/l	95
7) Trichlorofluoromethane	1.92	101	79067	19.27	ug/l	97
8) Diethyl Ether	2.19	74	33283	19.00	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46025	19.44	ug/l	95
10) Methyl Iodide	2.51	142	51178	21.22	ug/l	98
11) Tert butyl alcohol	3.07	59	82203	98.02	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44585	19.00	ug/l	97
13) Acrolein	2.29	56	33191	60.38	ug/l	95
14) Allyl chloride	2.73	41	98199	19.06	ug/l	95
15) Acrylonitrile	3.15	53	178342	93.84	ug/l	99
16) Acetone	2.45	43	163936	95.37	ug/l	97
17) Carbon Disulfide	2.57	76	120817	17.00	ug/l	98
18) Methyl Acetate	2.78	43	96655	19.76	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	167166	20.23	ug/l	97
20) Methylene Chloride	2.85	84	52075	20.01	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	47811	18.39	ug/l	94
22) Diisopropyl ether	3.87	45	159455	18.43	ug/l	92
23) Vinyl Acetate	3.82	43	688012	90.98	ug/l	97
24) 1,1-Dichloroethane	3.70	63	95315	19.22	ug/l	98
25) 2-Butanone	4.70	43	230054	91.47	ug/l	94
26) 2,2-Dichloropropane	4.58	77	69611	18.77	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	50902	18.01	ug/l	95
28) Bromochloromethane	5.02	49	46298	20.48	ug/l	94
29) Tetrahydrofuran	5.15	42	145623	90.77	ug/l	94
30) Chloroform	5.21	83	87298	18.97	ug/l	99
31) Cyclohexane	5.57	56	72875	17.83	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	75403	18.83	ug/l	100
36) 1,1-Dichloropropene	5.80	75	62460	16.94	ug/l	99
37) Ethyl Acetate	4.85	43	81272	17.14	ug/l	99
38) Carbon Tetrachloride	5.78	117	66378	17.92	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70966	17.79	ug/l	94
40) Benzene	6.13	78	198284	17.93	ug/l	97
41) Methacrylonitrile	5.06	41	45180	17.78	ug/l	96
42) 1,2-Dichloroethane	6.20	62	70113	17.96	ug/l	98
43) Isopropyl Acetate	6.46	43	119178	18.87	ug/l	96
44) Trichloroethene	7.21	130	54776	19.01	ug/l	99
45) 1,2-Dichloropropane	7.52	63	51788	19.09	ug/l	98
46) Dibromomethane	7.66	93	34046	19.02	ug/l	99
47) Bromodichloromethane	7.90	83	63808	19.27	ug/l	98
48) Methyl methacrylate	7.77	41	62303	19.02	ug/l	95
49) 1,4-Dioxane	7.76	88	28899	382.56	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	431727	98.74	ug/l	94
52) Toluene	8.79	92	123596	20.43	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	69835	19.49	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	76821	19.78	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	50958	19.89	ug/l	95
56) Ethyl methacrylate	9.18	69	74355	19.91	ug/l	96
57) 1,3-Dichloropropane	9.37	76	85419	19.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	211658	101.04	ug/l	95
59) 2-Hexanone	9.49	43	344155	97.85	ug/l	94
60) Dibromochloromethane	9.59	129	51779	19.55	ug/l	100
61) 1,2-Dibromoethane	9.67	107	53236	19.80	ug/l	100
64) Tetrachloroethene	9.34	164	56613	19.80	ug/l	97
65) Chlorobenzene	10.14	112	138986	18.40	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	50876	18.90	ug/l	98
67) Ethyl Benzene	10.25	91	230111	18.74	ug/l	97
68) m/p-Xylenes	10.36	106	181077	37.99	ug/l	96
69) o-Xylene	10.70	106	86416	18.80	ug/l	98
70) Styrene	10.71	104	145566	19.25	ug/l	97
71) Bromoform	10.86	173	42413	17.63	ug/l #	98
73) Isopropylbenzene	11.02	105	237351	19.91	ug/l	100
74) N-amyl acetate	10.90	43	106638	18.54	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	82417	18.33	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	88849m	22.84	ug/l	
77) Bromobenzene	11.26	156	66065	19.38	ug/l	99
78) n-propylbenzene	11.36	91	272422	19.86	ug/l	100
79) 2-Chlorotoluene	11.42	91	162685	19.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	204971	20.08	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	23116	18.06	ug/l	98
82) 4-Chlorotoluene	11.51	91	191811	19.26	ug/l	100
83) tert-Butylbenzene	11.77	119	200256	19.37	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	210063	19.99	ug/l	98
85) sec-Butylbenzene	11.94	105	243059	19.87	ug/l	100
86) p-Isopropyltoluene	12.07	119	220673	19.95	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120665	18.94	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	123184	18.90	ug/l	98
89) n-Butylbenzene	12.39	91	187418	18.67	ug/l	98
90) Hexachloroethane	12.60	117	33839	17.76	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	122543	18.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19752	18.00	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	90528	18.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	46475	18.45	ug/l	96
95) Naphthalene	13.83	128	271531	19.63	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	94056	19.27	ug/l	99

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

