

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005245.D
 Acq On : 11 Oct 2018 10:20
 Operator : JC/MD
 Sample : VX1010WBS06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS06

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:05 AM

Quant Time: Oct 11 12:38:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	180142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273866	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	177307	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	130492	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	5.50	113	112401	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.71	98	426048	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
62) 4-Bromofluorobenzene	11.14	95	165195	59.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	38739	15.77	ug/l	99
3) Chloromethane	1.32	50	51601	17.32	ug/l	99
4) Vinyl Chloride	1.40	62	47688	17.06	ug/l	97
5) Bromomethane	1.64	94	30052	18.13	ug/l	98
6) Chloroethane	1.71	64	28689	17.31	ug/l	94
7) Trichlorofluoromethane	1.92	101	60207	17.40	ug/l	96
8) Diethyl Ether	2.19	74	27570	18.34	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	31595	16.03	ug/l	100
10) Methyl Iodide	2.51	142	40500	15.36	ug/l	91
11) Tert butyl alcohol	3.08	59	73764	102.52	ug/l	100
12) 1,1-Dichloroethene	2.37	96	33433	17.13	ug/l	94
13) Acrolein	2.29	56	42766	83.54	ug/l	93
14) Allyl chloride	2.73	41	78984	18.55	ug/l	94
15) Acrylonitrile	3.15	53	157129	99.20	ug/l	96
16) Acetone	2.45	43	158817	105.71	ug/l	93
17) Carbon Disulfide	2.56	76	90375	15.41	ug/l	100
18) Methyl Acetate	2.78	43	84143	22.11	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	136197	20.23	ug/l	96
20) Methylene Chloride	2.85	84	42599	18.98	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	36447	17.06	ug/l	# 80
22) Diisopropyl ether	3.87	45	128035	17.85	ug/l	98
23) Vinyl Acetate	3.82	43	589328	89.77	ug/l	98
24) 1,1-Dichloroethane	3.70	63	76564	17.90	ug/l	99
25) 2-Butanone	4.71	43	206307	93.16	ug/l	96
26) 2,2-Dichloropropane	4.59	77	52742	17.70	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	40537	16.98	ug/l	91
28) Bromochloromethane	5.02	49	35667	17.70	ug/l	100
29) Tetrahydrofuran	5.17	42	130369	94.72	ug/l	98
30) Chloroform	5.21	83	71156	17.60	ug/l	98
31) Cyclohexane	5.57	56	47666	14.56	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	56122	17.00	ug/l	96
36) 1,1-Dichloropropene	5.80	75	44815	14.15	ug/l	94
37) Ethyl Acetate	4.87	43	70763	16.83	ug/l	98
38) Carbon Tetrachloride	5.78	117	48143	14.46	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	44213	13.67	ug/l	86
40) Benzene	6.13	78	154607	15.59	ug/l	91
41) Methacrylonitrile	5.06	41	38721	16.61	ug/l	97
42) 1,2-Dichloroethane	6.20	62	58786	16.77	ug/l	97
43) Isopropyl Acetate	6.47	43	95952	15.81	ug/l	96
44) Trichloroethene	7.21	130	39602	16.25	ug/l	92
45) 1,2-Dichloropropane	7.52	63	42132	17.33	ug/l	93
46) Dibromomethane	7.66	93	27497	18.00	ug/l	98
47) Bromodichloromethane	7.90	83	51424	17.98	ug/l	99
48) Methyl methacrylate	7.78	41	51525	18.71	ug/l	99
49) 1,4-Dioxane	7.76	88	25433	371.74	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	368550	96.47	ug/l	98
52) Toluene	8.79	92	95441	17.52	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	54867	16.97	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	61655	18.21	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	42354	17.75	ug/l	94
56) Ethyl methacrylate	9.18	69	58393	17.08	ug/l	98
57) 1,3-Dichloropropane	9.37	76	69504	17.50	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.32	63	163870	89.40	ug/l	98
59) 2-Hexanone	9.50	43	297767	93.54	ug/l	93
60) Dibromochloromethane	9.58	129	41977	17.59	ug/l	98
61) 1,2-Dibromoethane	9.68	107	43098	16.86	ug/l	95
64) Tetrachloroethene	9.33	164	39234	14.19	ug/l	95
65) Chlorobenzene	10.14	112	108926	15.12	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	39882	15.75	ug/l	99
67) Ethyl Benzene	10.26	91	169678	14.84	ug/l	96
68) m/p-Xylenes	10.36	106	135860	30.40	ug/l	95
69) o-Xylene	10.70	106	65244	15.89	ug/l	100
70) Styrene	10.71	104	111527	16.05	ug/l	99
71) Bromoform	10.86	173	34104	15.73	ug/l #	97
73) Isopropylbenzene	11.02	105	172270	15.41	ug/l	99
74) N-amyl acetate	10.90	43	83449	14.86	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	69542	15.29	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	71803m	18.07	ug/l	
77) Bromobenzene	11.26	156	51828	15.97	ug/l	98
78) n-propylbenzene	11.36	91	197011	15.36	ug/l	98
79) 2-Chlorotoluene	11.42	91	125419	15.69	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	151364	14.64	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	18189	13.97	ug/l	96
82) 4-Chlorotoluene	11.51	91	148443	15.78	ug/l	100
83) tert-Butylbenzene	11.77	119	144645	15.72	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	157461	14.77	ug/l	99
85) sec-Butylbenzene	11.95	105	170490	15.21	ug/l	99
86) p-Isopropyltoluene	12.07	119	154019	15.17	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	93391	15.41	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	94804	15.15	ug/l	99
89) n-Butylbenzene	12.39	91	129769	14.07	ug/l	99
90) Hexachloroethane	12.60	117	25194	14.90	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	95038	15.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16784	16.80	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66866	15.05	ug/l	99
94) Hexachlorobutadiene	13.79	225	31448	13.65	ug/l	100
95) Naphthalene	13.83	128	209991	14.75	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	71552	15.59	ug/l	100

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

