

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005291.D
 Acq On : 12 Oct 2018 14:18
 Operator : JC/MD
 Sample : VX1012WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:04:49 AM

Quant Time: Oct 13 04:42:51 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	268717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199317	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	146582	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
35) Dibromofluoromethane	5.50	113	115735	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	
50) Toluene-d8	8.71	98	445891	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.14	95	160723	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	43149	20.54	ug/l	99
3) Chloromethane	1.32	50	65885	21.64	ug/l	99
4) Vinyl Chloride	1.40	62	61819	20.05	ug/l	96
5) Bromomethane	1.64	94	33950	19.85	ug/l	100
6) Chloroethane	1.71	64	37362	19.52	ug/l	98
7) Trichlorofluoromethane	1.92	101	82779	20.11	ug/l	96
8) Diethyl Ether	2.19	74	34441	19.60	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47264	19.90	ug/l	96
10) Methyl Iodide	2.51	142	38815	16.65	ug/l	97
11) Tert butyl alcohol	3.07	59	86379	102.68	ug/l	100
12) 1,1-Dichloroethene	2.37	96	46103	19.59	ug/l	96
13) Acrolein	2.29	56	52437	96.35	ug/l	96
14) Allyl chloride	2.73	41	102686	19.87	ug/l	95
15) Acrylonitrile	3.15	53	185036	97.06	ug/l	98
16) Acetone	2.45	43	174477	101.18	ug/l	95
17) Carbon Disulfide	2.57	76	134497	18.86	ug/l	99
18) Methyl Acetate	2.78	43	99439	20.27	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	166437	20.08	ug/l	96
20) Methylene Chloride	2.85	84	53963	20.71	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	49932	19.14	ug/l	97
22) Diisopropyl ether	3.87	45	162050	18.67	ug/l	94
23) Vinyl Acetate	3.82	43	722437	95.24	ug/l	96
24) 1,1-Dichloroethane	3.69	63	94929	19.08	ug/l	97
25) 2-Butanone	4.70	43	242116	95.97	ug/l	95
26) 2,2-Dichloropropane	4.58	77	73458	19.75	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	51097	18.03	ug/l	90
28) Bromochloromethane	5.02	49	42651	18.81	ug/l	93
29) Tetrahydrofuran	5.16	42	155516	96.64	ug/l	92
30) Chloroform	5.21	83	89041	19.29	ug/l	95
31) Cyclohexane	5.57	56	77111	18.81	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	78797	19.61	ug/l	98
36) 1,1-Dichloropropene	5.79	75	66106	17.67	ug/l	98
37) Ethyl Acetate	4.85	43	85189	17.70	ug/l	98
38) Carbon Tetrachloride	5.77	117	71008	18.89	ug/l #	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74072	18.29	ug/l	95
40) Benzene	6.13	78	226431	20.17	ug/l	94
41) Methacrylonitrile	5.06	41	47496	18.41	ug/l	96
42) 1,2-Dichloroethane	6.20	62	75012	18.93	ug/l	98
43) Isopropyl Acetate	6.46	43	126601	19.75	ug/l	96
44) Trichloroethene	7.21	130	54490	18.62	ug/l	93
45) 1,2-Dichloropropane	7.52	63	53256	19.34	ug/l	100
46) Dibromomethane	7.66	93	33535	18.45	ug/l	97
47) Bromodichloromethane	7.90	83	64457	19.18	ug/l	99
48) Methyl methacrylate	7.77	41	64414	19.38	ug/l	95
49) 1,4-Dioxane	7.76	88	31096	405.53	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	451571	101.74	ug/l	94
52) Toluene	8.79	92	124369	20.25	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	71900	19.77	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	77996	19.79	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	51286	19.72	ug/l	97
56) Ethyl methacrylate	9.18	69	75627	19.95	ug/l	95
57) 1,3-Dichloropropane	9.37	76	85172	19.62	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	219246	103.10	ug/l	95
59) 2-Hexanone	9.50	43	356984	99.99	ug/l	93
60) Dibromochloromethane	9.58	129	51852	19.29	ug/l	99
61) 1,2-Dibromoethane	9.67	107	54144	19.84	ug/l	98
64) Tetrachloroethene	9.33	164	54141	18.84	ug/l	99
65) Chlorobenzene	10.14	112	139935	18.43	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	50463	18.65	ug/l	99
67) Ethyl Benzene	10.26	91	233640	18.93	ug/l	97
68) m/p-Xylenes	10.36	106	183095	38.21	ug/l	95
69) o-Xylene	10.70	106	86013	18.61	ug/l	94
70) Styrene	10.71	104	145830	19.19	ug/l	97
71) Bromoform	10.86	173	42853	17.72	ug/l	99
73) Isopropylbenzene	11.02	105	238261	20.11	ug/l	99
74) N-amyl acetate	10.90	43	111599	19.53	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	83791	18.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	78053m	20.19	ug/l	
77) Bromobenzene	11.26	156	65490	19.33	ug/l	100
78) n-propylbenzene	11.36	91	273407	20.05	ug/l	100
79) 2-Chlorotoluene	11.42	91	163609	19.59	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	204410	20.15	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	22883	17.98	ug/l	94
82) 4-Chlorotoluene	11.51	91	196782	19.88	ug/l	99
83) tert-Butylbenzene	11.77	119	201071	19.57	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	209673	20.08	ug/l	98
85) sec-Butylbenzene	11.94	105	241869	19.89	ug/l	98
86) p-Isopropyltoluene	12.07	119	215412	19.60	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120361	19.01	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	122412	18.90	ug/l	99
89) n-Butylbenzene	12.39	91	188047	18.84	ug/l	97
90) Hexachloroethane	12.60	117	34110	18.01	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	120572	18.66	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19465	17.85	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	89733	18.93	ug/l	98
94) Hexachlorobutadiene	13.79	225	47122	18.82	ug/l	98
95) Naphthalene	13.83	128	272413	19.82	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	93571	19.29	ug/l	98

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

