

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005309.D
 Acq On : 12 Oct 2018 23:11
 Operator : JC/MD
 Sample : VX1012MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1012MBS01

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 1:58:32 PM

Quant Time: Oct 13 05:01:49 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	290885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	360677	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189038	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	157482	48.78	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.50	113	127127	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
50) Toluene-d8	8.71	98	431397	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	11.14	95	157093	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	46173	20.30	ug/l	92
3) Chloromethane	1.32	50	61577	18.69	ug/l	96
4) Vinyl Chloride	1.40	62	63775	19.10	ug/l	98
5) Bromomethane	1.64	94	35742	19.32	ug/l	93
6) Chloroethane	1.72	64	39079	18.85	ug/l	# 87
7) Trichlorofluoromethane	1.93	101	86023	19.31	ug/l	# 82
8) Diethyl Ether	2.19	74	35008	18.40	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	49155	19.12	ug/l	94
10) Methyl Iodide	2.51	142	54097	20.72	ug/l	96
11) Tert butyl alcohol	3.07	59	86883	95.41	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50087	19.66	ug/l	82
13) Acrolein	2.29	56	53094	89.98	ug/l	90
14) Allyl chloride	2.73	41	104151	18.62	ug/l	96
15) Acrylonitrile	3.15	53	195482	94.73	ug/l	97
16) Acetone	2.45	43	177864	95.29	ug/l	97
17) Carbon Disulfide	2.57	76	138242	17.91	ug/l	# 92
18) Methyl Acetate	2.78	43	105881	19.94	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	175910	19.60	ug/l	99
20) Methylene Chloride	2.85	84	57934	20.53	ug/l	87
21) trans-1,2-Dichloroethene	3.17	96	51564	18.26	ug/l	95
22) Diisopropyl ether	3.87	45	195102	20.77	ug/l	# 95
23) Vinyl Acetate	3.82	43	765498	93.22	ug/l	97
24) 1,1-Dichloroethane	3.70	63	103939	19.30	ug/l	97
25) 2-Butanone	4.70	43	262400	96.08	ug/l	97
26) 2,2-Dichloropropane	4.57	77	60233	14.96	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61948	20.19	ug/l	97
28) Bromochloromethane	5.02	49	45278	18.45	ug/l	96
29) Tetrahydrofuran	5.16	42	166168	95.39	ug/l	95
30) Chloroform	5.21	83	100568	20.12	ug/l	88
31) Cyclohexane	5.58	56	83673	18.85	ug/l	# 90
32) 1,1,1-Trichloroethane	5.49	97	83965	19.31	ug/l	99
36) 1,1-Dichloropropene	5.80	75	72743	20.82	ug/l	97
37) Ethyl Acetate	4.86	43	95581	21.28	ug/l	98
38) Carbon Tetrachloride	5.78	117	70711	20.15	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68211	18.04	ug/l	95
40) Benzene	6.15	78	219070	20.91	ug/l	95
41) Methacrylonitrile	5.06	41	54145	22.48	ug/l	94
42) 1,2-Dichloroethane	6.20	62	77085	20.83	ug/l	98
43) Isopropyl Acetate	6.47	43	125304	20.94	ug/l	98
44) Trichloroethene	7.21	130	52105	19.09	ug/l	95
45) 1,2-Dichloropropane	7.51	63	50347	19.59	ug/l	96
46) Dibromomethane	7.66	93	32931	19.41	ug/l	98
47) Bromodichloromethane	7.90	83	62546	19.93	ug/l	98
48) Methyl methacrylate	7.77	41	60148	19.38	ug/l	96
49) 1,4-Dioxane	7.76	88	29364	410.20	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	425256	102.63	ug/l	94
52) Toluene	8.79	92	119178	20.79	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	65099	19.17	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	71371	19.40	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	49306	20.31	ug/l	97
56) Ethyl methacrylate	9.18	69	70973	20.05	ug/l	94
57) 1,3-Dichloropropane	9.37	76	82630	20.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	211161	106.37	ug/l	96
59) 2-Hexanone	9.49	43	337343	101.21	ug/l	93
60) Dibromochloromethane	9.59	129	50084	19.95	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51311	20.14	ug/l	100
64) Tetrachloroethene	9.34	164	54484	20.01	ug/l	98
65) Chlorobenzene	10.14	112	136537	18.98	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	48769	19.02	ug/l	99
67) Ethyl Benzene	10.25	91	221362	18.93	ug/l	97
68) m/p-Xylenes	10.36	106	174859	38.52	ug/l	94
69) o-Xylene	10.70	106	83249	19.02	ug/l	97
70) Styrene	10.71	104	141052	19.59	ug/l	97
71) Bromoform	10.86	173	41226	18.00	ug/l #	98
73) Isopropylbenzene	11.02	105	228789	20.36	ug/l	99
74) N-amyl acetate	10.90	43	103090	19.02	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	79614	18.78	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	74833m	20.41	ug/l	
77) Bromobenzene	11.26	156	63151	19.65	ug/l	100
78) n-propylbenzene	11.36	91	261817	20.25	ug/l	99
79) 2-Chlorotoluene	11.42	91	157870	19.93	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	196259	20.39	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	20191	16.73	ug/l	97
82) 4-Chlorotoluene	11.51	91	186395	19.85	ug/l	99
83) tert-Butylbenzene	11.77	119	189446	19.44	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	201794	20.38	ug/l	98
85) sec-Butylbenzene	11.94	105	231096	20.04	ug/l	98
86) p-Isopropyltoluene	12.07	119	209192	20.07	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	116240	19.36	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	116469	18.96	ug/l	98
89) n-Butylbenzene	12.39	91	175317	18.52	ug/l	97
90) Hexachloroethane	12.60	117	32284	17.97	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	116284	18.98	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19177	18.55	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	85362	18.99	ug/l	98
94) Hexachlorobutadiene	13.78	225	43960	18.52	ug/l	98
95) Naphthalene	13.83	128	258620	19.84	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	89616	19.48	ug/l	99

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

