

Data File : VX000346.D
Acq On : 16 Mar 2018 14:14
Operator : JC/MD
Sample : VX0316MBS01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBS01

Manual Integrations
APPROVED

apatel
3/19/2018 5:31:57 PM

Quant Time: Mar 16 15:19:38 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	121497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	194479	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	188328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	104685	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	76644	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
35) Dibromofluoromethane	5.51	113	59083	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	8.73	98	237332	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
62) 4-Bromofluorobenzene	11.15	95	88128	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	21934	16.76	ug/l	97
3) Chloromethane	1.32	50	24116	18.08	ug/l	95
4) Vinyl Chloride	1.41	62	27171	18.18	ug/l	97
5) Bromomethane	1.65	94	24025	14.41	ug/l	93
6) Chloroethane	1.73	64	17881	16.84	ug/l	92
7) Trichlorofluoromethane	1.93	101	48775	18.79	ug/l	99
8) Diethyl Ether	2.20	74	17635	19.09	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	27510	19.69	ug/l	98
10) Methyl Iodide	2.52	142	21881	15.50	ug/l	98
11) Tert butyl alcohol	3.07	59	50244	92.39	ug/l	99
12) 1,1-Dichloroethene	2.38	96	24866	18.75	ug/l	95
13) Acrolein	2.30	56	19991	85.44	ug/l	100
14) Allyl chloride	2.73	41	44485	18.81	ug/l	97
15) Acrylonitrile	3.15	53	102316	97.57	ug/l	100
16) Acetone	2.45	43	114213	101.77	ug/l	100
17) Carbon Disulfide	2.57	76	66224	17.09	ug/l	99
18) Methyl Acetate	2.78	43	50996	20.31	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	91478	19.59	ug/l	100
20) Methylene Chloride	2.86	84	28697	19.75	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	26530	18.09	ug/l	99
22) Diisopropyl ether	3.88	45	67951	17.26	ug/l	93
23) Vinyl Acetate	3.83	43	325143	86.67	ug/l	99
24) 1,1-Dichloroethane	3.70	63	48263	19.49	ug/l	99
25) 2-Butanone	4.71	43	131134	97.76	ug/l	98
26) 2,2-Dichloropropane	4.59	77	33366	18.67	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	25561	19.08	ug/l	95
28) Bromochloromethane	5.03	49	18699	17.97	ug/l	99
29) Tetrahydrofuran	5.18	42	80481	93.22	ug/l	99
30) Chloroform	5.23	83	43219	18.49	ug/l	99
31) Cyclohexane	5.58	56	36164	19.03	ug/l	95
32) 1,1,1-Trichloroethane	5.51	97	38656	18.71	ug/l	97
36) 1,1-Dichloropropene	5.81	75	32606	18.45	ug/l	98
37) Ethyl Acetate	4.87	43	44400	18.91	ug/l	99
38) Carbon Tetrachloride	5.79	117	34234	19.22	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	41165	19.97	ug/l	95
40) Benzene	6.15	78	97725	19.49	ug/l	100
41) Methacrylonitrile	5.07	41	22480	18.23	ug/l	96
42) 1,2-Dichloroethane	6.21	62	38246	19.25	ug/l	98
43) Isopropyl Acetate	6.48	43	66983	19.76	ug/l	99
44) Trichloroethene	7.22	130	28207	19.42	ug/l	93
45) 1,2-Dichloropropane	7.53	63	25984	21.02	ug/l	98
46) Dibromomethane	7.67	93	19176	19.31	ug/l	97
47) Bromodichloromethane	7.91	83	34093	19.34	ug/l	98
48) Methyl methacrylate	7.79	41	32981	19.24	ug/l	98
49) 1,4-Dioxane	7.76	88	12708	329.57	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	258991	98.39	ug/l	98
52) Toluene	8.79	92	67349	19.12	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	39649	19.49	ug/l	90
54) cis-1,3-Dichloropropene	9.05	75	37500	18.85	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	27578	19.52	ug/l	95
56) Ethyl methacrylate	9.19	69	41281	19.73	ug/l	98
57) 1,3-Dichloropropane	9.38	76	45477	19.87	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	103256	118.91	ug/l	99
59) 2-Hexanone	9.51	43	218941	98.72	ug/l	97
60) Dibromochloromethane	9.59	129	27295	18.27	ug/l	96
61) 1,2-Dibromoethane	9.68	107	28790	18.38	ug/l	98
64) Tetrachloroethene	9.34	164	28224	22.10	ug/l	99
65) Chlorobenzene	10.15	112	75734	19.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	26655	20.66	ug/l	98
67) Ethyl Benzene	10.26	91	131187	20.06	ug/l	97
68) m/p-Xylenes	10.37	106	100786	39.56	ug/l	99
69) o-Xylene	10.71	106	48179	19.47	ug/l	97
70) Styrene	10.72	104	80261	19.54	ug/l	99
71) Bromoform	10.87	173	21261	19.05	ug/l	# 96
73) Isopropylbenzene	11.02	105	135162	21.44	ug/l	97
74) N-amyl acetate	6.48	43	66983	22.19	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	46731	20.82	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	43853m	22.03	ug/l	
77) Bromobenzene	11.26	156	33407	20.19	ug/l	99
78) n-propylbenzene	11.37	91	156305	20.56	ug/l	100
79) 2-Chlorotoluene	11.43	91	90462	20.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	110771	20.62	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	12436	19.50	ug/l	89
82) 4-Chlorotoluene	11.52	91	107973	20.36	ug/l	99
83) tert-Butylbenzene	11.78	119	111834	21.34	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	116915	21.17	ug/l	100
85) sec-Butylbenzene	11.96	105	141410	21.56	ug/l	100
86) p-Isopropyltoluene	12.07	119	123096	21.09	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	64417	19.83	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	66607	19.74	ug/l	97
89) n-Butylbenzene	12.40	91	114469	20.17	ug/l	100
90) Hexachloroethane	12.60	117	19518	20.84	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	64034	20.36	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13066	21.50	ug/l	90

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Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44794	19.77	ug/l	99
94) Hexachlorobutadiene	13.79	225	19947	22.31	ug/l	97
95) Naphthalene	13.84	128	163242	20.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	46235	20.20	ug/l	99

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

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