

Data File : VX000351.D

Acq On : 16 Mar 2018 17:02

Operator : JC/MD

Sample : VX0316MBSD01

Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH

ALS Vial : 8 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

Manual Integrations

APPROVED

apatel

3/19/2018 5:32:19 PM

Quant Time: Mar 17 01:11:29 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	147937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	239283	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	234372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	131752	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	94916	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.51	113	73564	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
50) Toluene-d8	8.73	98	280300	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
62) 4-Bromofluorobenzene	11.15	95	107278	42.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30210	18.96	ug/l	98
3) Chloromethane	1.32	50	30992	19.08	ug/l	96
4) Vinyl Chloride	1.41	62	34341	18.87	ug/l	94
5) Bromomethane	1.64	94	34289	16.89	ug/l	95
6) Chloroethane	1.73	64	22316	17.26	ug/l	97
7) Trichlorofluoromethane	1.93	101	60367	19.10	ug/l	100
8) Diethyl Ether	2.19	74	22442	19.95	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33652	19.78	ug/l	98
10) Methyl Iodide	2.52	142	27161	15.80	ug/l	99
11) Tert butyl alcohol	3.06	59	61755	93.26	ug/l	100
12) 1,1-Dichloroethene	2.38	96	29537	18.29	ug/l	95
13) Acrolein	2.29	56	26698	93.71	ug/l	99
14) Allyl chloride	2.73	41	53432	18.56	ug/l	99
15) Acrylonitrile	3.15	53	122868	96.23	ug/l	100
16) Acetone	2.45	43	134685	98.56	ug/l	96
17) Carbon Disulfide	2.57	76	77049	16.33	ug/l	99
18) Methyl Acetate	2.78	43	61407	20.08	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	114136	20.08	ug/l	98
20) Methylene Chloride	2.86	84	35752	20.21	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	31401	17.59	ug/l	99
22) Diisopropyl ether	3.88	45	105169	21.94	ug/l	94
23) Vinyl Acetate	3.83	43	505544	110.67	ug/l	100
24) 1,1-Dichloroethane	3.70	63	58900	19.54	ug/l	100
25) 2-Butanone	4.71	43	168470	103.15	ug/l	99
26) 2,2-Dichloropropane	4.59	77	42474	19.52	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	32528	19.95	ug/l	99
28) Bromochloromethane	5.03	49	24728	19.51	ug/l	98
29) Tetrahydrofuran	5.17	42	103716	98.67	ug/l	99
30) Chloroform	5.23	83	57296	20.13	ug/l	95
31) Cyclohexane	5.58	56	45139	19.51	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	50421	20.04	ug/l	98
36) 1,1-Dichloropropene	5.81	75	42831	19.70	ug/l	97
37) Ethyl Acetate	4.87	43	57939	20.05	ug/l	98
38) Carbon Tetrachloride	5.79	117	41539	18.95	ug/l	98

Data File : VX000351.D

Acq On : 16 Mar 2018 17:02

Operator : JC/MD

Sample : VX0316MBSD01

Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH

ALS Vial : 8 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0316MBSD01

Manual Integrations

APPROVED

apatel

3/19/2018 5:32:19 PM

Quant Time: Mar 17 01:11:29 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)
39) Methylcyclohexane	7.47	83	52465	20.69	ug/l	96
40) Benzene	6.15	78	123789	20.07	ug/l	99
41) Methacrylonitrile	5.06	41	31011	20.44	ug/l	98
42) 1,2-Dichloroethane	6.20	62	50667	20.72	ug/l	98
43) Isopropyl Acetate	6.48	43	88213	21.15	ug/l	98
44) Trichloroethene	7.22	130	35577	19.91	ug/l	99
45) 1,2-Dichloropropane	7.52	63	32161	21.14	ug/l	100
46) Dibromomethane	7.67	93	24715	20.22	ug/l	97
47) Bromodichloromethane	7.91	83	43995	20.28	ug/l	98
48) Methyl methacrylate	7.79	41	42362	20.09	ug/l	99
49) 1,4-Dioxane	7.76	88	18485	389.62	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	329520	101.74	ug/l	98
52) Toluene	8.79	92	83781	19.34	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	50293	20.09	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	47173	19.27	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	35826	20.61	ug/l	98
56) Ethyl methacrylate	9.19	69	53727	20.87	ug/l	99
57) 1,3-Dichloropropane	9.38	76	58080	20.62	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	125283	117.17	ug/l	99
59) 2-Hexanone	9.51	43	276096	101.18	ug/l	100
60) Dibromochloromethane	9.59	129	36549	19.88	ug/l	98
61) 1,2-Dibromoethane	9.68	107	37941	19.69	ug/l	99
64) Tetrachloroethene	9.34	164	35111	22.09	ug/l	96
65) Chlorobenzene	10.15	112	98750	20.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	33691	20.99	ug/l	98
67) Ethyl Benzene	10.26	91	167780	20.62	ug/l	95
68) m/p-Xylenes	10.37	106	133244	42.03	ug/l	96
69) o-Xylene	10.71	106	63907	20.75	ug/l	99
70) Styrene	10.72	104	104294	20.41	ug/l	98
71) Bromoform	10.87	173	27730	19.77	ug/l #	95
73) Isopropylbenzene	11.02	105	173979	21.92	ug/l	100
74) N-amyl acetate	6.48	43	88213	23.22	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	62700	22.20	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	56105m	22.43	ug/l	
77) Bromobenzene	11.26	156	45150	21.68	ug/l	99
78) n-propylbenzene	11.37	91	201677	21.08	ug/l	100
79) 2-Chlorotoluene	11.43	91	115875	21.34	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	147092	21.76	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	15689	19.55	ug/l	92
82) 4-Chlorotoluene	11.52	91	142599	21.37	ug/l	98
83) tert-Butylbenzene	11.78	119	145329	22.04	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	156832	22.57	ug/l	100
85) sec-Butylbenzene	11.96	105	181672	22.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	163171	22.21	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	84719	20.73	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	86444	20.35	ug/l	96
89) n-Butylbenzene	12.40	91	146927	20.57	ug/l	98
90) Hexachloroethane	12.60	117	24523	20.81	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	84648	21.38	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16363	21.40	ug/l	96

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031618\
Quantitation Report (QT Reviewed)

Data File : VX000351.D
Acq On : 16 Mar 2018 17:02
Operator : JC/MD
Sample : VX0316MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Manual Integrations
APPROVED

apatel
3/19/2018 5:32:19 PM

Quant Time: Mar 17 01:11:29 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)
93) 1,2,4-Trichlorobenzene	13.65	180	58943	20.67	ug/l	99
94) Hexachlorobutadiene	13.79	225	24477	21.76	ug/l	98
95) Naphthalene	13.84	128	218769	22.11	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	58318	20.24	ug/l	97

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

Data File : VX000351.D

```
Acq On       : 16 Mar 2018  17:02
Operator     : JC/MD
Sample       : VX0316MBSD01
Misc         : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial     : 8   Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VX0316MBSD01

Manual Integrations APPROVED

apatel
3/19/2018 5:32:19 PM

Quant Time: Mar 17 01:11:29 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

