

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\
 Data File : VU027395.D
 Acq On : 04 Oct 2018 10:03
 Operator : MD/SY
 Sample : VU1004MBS02
 Misc : 5.00µg/10mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004MBS02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:52:29 PM

Quant Time: Oct 05 03:50:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	113293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	193709	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	182441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	93667	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	91554	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	4.88	113	63760	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	7.57	98	245905	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	10.31	95	91279	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	33347	20.416	ug/l	100
3) Chloromethane	1.33	50	40617	18.368	ug/l	99
4) Vinyl Chloride	1.41	62	40102	19.292	ug/l	97
5) Bromomethane	1.62	94	17401	19.346	ug/l	98
6) Chloroethane	1.70	64	24106	19.299	ug/l	98
7) Trichlorofluoromethane	1.89	101	42950	20.364	ug/l	100
8) Diethyl Ether	2.11	74	18509	19.050	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.29	101	24713	20.176	ug/l	100
10) Methyl Iodide	2.41	142	17640	22.045	ug/l	99
11) Tert butyl alcohol	2.83	59	37995	95.374	ug/l	100
12) 1,1-Dichloroethene	2.29	96	22965	19.190	ug/l	98
13) Acrolein	2.20	56	16612	49.695	ug/l	96
14) Allyl chloride	2.59	41	52485	18.469	ug/l	100
15) Acrylonitrile	2.94	53	104016	100.317	ug/l	98
16) Acetone	2.32	43	100062	89.533	ug/l	99
17) Carbon Disulfide	2.48	76	76270	17.671	ug/l	100
18) Methyl Acetate	2.62	43	53239	20.882	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	92161	19.220	ug/l	98
20) Methylene Chloride	2.70	84	29651	19.047	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	26158	19.469	ug/l	96
22) Diisopropyl ether	3.58	45	113864	19.713	ug/l	94
23) Vinyl Acetate	3.53	43	478890	94.939	ug/l	100
24) 1,1-Dichloroethane	3.45	63	58374	19.659	ug/l	100
25) 2-Butanone	4.26	43	147704	96.917	ug/l	99
26) 2,2-Dichloropropane	4.23	77	47556	19.491	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	29334	19.092	ug/l	98
28) Bromochloromethane	4.55	49	29112	20.322	ug/l	98
29) Tetrahydrofuran	4.64	42	94414	98.301	ug/l	99
30) Chloroform	4.68	83	53053	20.110	ug/l	99
31) Cyclohexane	5.00	56	56483	18.466	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	43922	19.768	ug/l	99
36) 1,1-Dichloropropene	5.14	75	40173	19.101	ug/l	99
37) Ethyl Acetate	4.38	43	51994	19.128	ug/l	99
38) Carbon Tetrachloride	5.14	117	36619	19.274	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\
 Data File : VU027395.D
 Acq On : 04 Oct 2018 10:03
 Operator : MD/SY
 Sample : VU1004MBS02
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004MBS02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:52:29 PM

Quant Time: Oct 05 03:50:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	45628	18.559	ug/l	98
40) Benzene	5.39	78	120187	19.618	ug/l	100
41) Methacrylonitrile	4.55	41	29253	19.040	ug/l	98
42) 1,2-Dichloroethane	5.41	62	45633	20.066	ug/l	100
43) Isopropyl Acetate	5.55	43	82241	19.481	ug/l	98
44) Trichloroethene	6.19	130	26070	19.084	ug/l	98
45) 1,2-Dichloropropane	6.43	63	34593	19.576	ug/l	98
46) Dibromomethane	6.56	93	20565	20.606	ug/l	96
47) Bromodichloromethane	6.76	83	40872	19.736	ug/l	98
48) Methyl methacrylate	6.62	41	40213	19.155	ug/l	98
49) 1,4-Dioxane	6.61	88	15670	433.810	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	268878	98.012	ug/l	99
52) Toluene	7.64	92	71034	19.589	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	46469	19.138	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	51004	19.540	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	28446	19.785	ug/l	97
56) Ethyl methacrylate	8.02	69	44535	17.712	ug/l	100
57) 1,3-Dichloropropane	8.24	76	53599	19.204	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	132061	92.698	ug/l	100
59) 2-Hexanone	8.36	43	205874	96.743	ug/l	99
60) Dibromochloromethane	8.48	129	27874	19.330	ug/l	100
61) 1,2-Dibromoethane	8.59	107	29457	19.270	ug/l	99
64) Tetrachloroethene	8.23	164	21758	19.158	ug/l	98
65) Chlorobenzene	9.12	112	74082	19.291	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	25148	18.969	ug/l	100
67) Ethyl Benzene	9.25	91	128278	18.854	ug/l	99
68) m/p-Xylenes	9.38	106	96728	38.866	ug/l	99
69) o-Xylene	9.78	106	45314	19.160	ug/l	99
70) Styrene	9.79	104	76107	18.723	ug/l	99
71) Bromoform	9.96	173	20194	18.933	ug/l #	96
73) Isopropylbenzene	10.17	105	124713	18.332	ug/l	100
74) N-amyl acetate	10.02	43	68666	17.631	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	48948	18.324	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	44490m	18.323	ug/l	
77) Bromobenzene	10.45	156	29377	18.581	ug/l	99
78) n-propylbenzene	10.59	91	155330	19.002	ug/l	100
79) 2-Chlorotoluene	10.66	91	91270	18.492	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	105084	18.973	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	15795m	17.025	ug/l	
82) 4-Chlorotoluene	10.77	91	108386	19.351	ug/l	99
83) tert-Butylbenzene	11.10	119	98175	18.336	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	108507	19.179	ug/l	100
85) sec-Butylbenzene	11.32	105	128310	19.019	ug/l	99
86) p-Isopropyltoluene	11.48	119	109843	19.016	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	55658	18.591	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	57180	18.691	ug/l	98
89) n-Butylbenzene	11.89	91	106595	18.661	ug/l	99
90) Hexachloroethane	12.15	117	19847	18.229	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	55152	18.926	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10466	17.679	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
Data File : VU027395.D
Acq On : 04 Oct 2018 10:03
Operator : MD/SY
Sample : VU1004MBS02
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1004MBS02

Manual Integrations
APPROVED

MMDadoda
10/8/2018 1:52:29 PM

Quant Time: Oct 05 03:50:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	37400	19.835	ug/l	99
94) Hexachlorobutadiene	13.69	225	18722	19.652	ug/l	99
95) Naphthalene	13.74	128	116516	17.567	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	39137	19.923	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100418\
Data File : VU027395.D
Acq On : 04 Oct 2018 10:03
Operator : MD/SY
Sample : VU1004MBS02
Misc : 5.00µL/10mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU1004MBS02

Manual Integrations
APPROVED

MMDadoda
10/8/2018 1:52:29 PM

Quant Time: Oct 05 03:50:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

