

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090419\
 Data File : VU034220.D
 Acq On : 03 Sep 2019 12:18
 Operator : JC/SP
 Sample : VU0904MBS01
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2019 4:57:39 PM

Quant Time: Sep 04 05:09:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	383790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	604501	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	585802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	314308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	235621	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
35) Dibromofluoromethane	4.86	113	201711	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	7.55	98	775133	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	10.29	95	288430	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71911	18.631	ug/l	97
3) Chloromethane	1.32	50	91678	16.379	ug/l	99
4) Vinyl Chloride	1.40	62	93819	18.262	ug/l	96
5) Bromomethane	1.62	94	53760	18.026	ug/l	98
6) Chloroethane	1.69	64	59521	18.952	ug/l	98
7) Trichlorofluoromethane	1.88	101	114582	19.249	ug/l	100
8) Diethyl Ether	2.09	74	50481	19.824	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	74090	19.648	ug/l	98
10) Methyl Iodide	2.40	142	58819	10.996	ug/l	100
11) Tert butyl alcohol	2.81	59	94062	82.944	ug/l	99
12) 1,1-Dichloroethene	2.27	96	75582	19.672	ug/l	98
13) Acrolein	2.18	56	22444	47.047	ug/l	99
14) Allyl chloride	2.58	41	137342m	19.012	ug/l	
15) Acrylonitrile	2.92	53	259695	99.796	ug/l	99
16) Acetone	2.31	43	227146	90.525	ug/l	100
17) Carbon Disulfide	2.47	76	202070	16.617	ug/l	100
18) Methyl Acetate	2.60	43	126121	19.450	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	255219	20.274	ug/l	100
20) Methylene Chloride	2.69	84	90951	19.147	ug/l	99
21) trans-1,2-Dichloroethene	2.97	96	80175	19.227	ug/l	99
22) Diisopropyl ether	3.55	45	271065	20.478	ug/l	94
23) Vinyl Acetate	3.50	43	1119392	98.442	ug/l	100
24) 1,1-Dichloroethane	3.43	63	158617	20.296	ug/l	100
25) 2-Butanone	4.24	43	343193	98.309	ug/l	99
26) 2,2-Dichloropropane	4.20	77	122029	19.190	ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	90167	19.265	ug/l	99
28) Bromochloromethane	4.52	49	76793	19.945	ug/l	99
29) Tetrahydrofuran	4.62	42	218082	101.298	ug/l	99
30) Chloroform	4.65	83	153942	19.743	ug/l	99
31) Cyclohexane	4.97	56	133381	18.163	ug/l	96
32) 1,1,1-Trichloroethane	4.89	97	125827	19.704	ug/l	99
36) 1,1-Dichloropropene	5.12	75	109972	19.233	ug/l	99
37) Ethyl Acetate	4.36	43	122638	19.153	ug/l	99
38) Carbon Tetrachloride	5.11	117	107693	19.513	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090419\
 Data File : VU034220.D
 Acq On : 03 Sep 2019 12:18
 Operator : JC/SP
 Sample : VU0904MBS01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904MBS01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2019 4:57:39 PM

Quant Time: Sep 04 05:09:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	118414	17.571	ug/l	95
40) Benzene	5.37	78	338727	19.580	ug/l	99
41) Methacrylonitrile	4.52	41	67426	20.533	ug/l	98
42) 1,2-Dichloroethane	5.38	62	118329	19.808	ug/l	98
43) Isopropyl Acetate	5.53	43	191485	19.657	ug/l	99
44) Trichloroethene	6.17	130	89435	19.687	ug/l	99
45) 1,2-Dichloropropane	6.41	63	94366	19.816	ug/l	100
46) Dibromomethane	6.54	93	61519	20.051	ug/l	99
47) Bromodichloromethane	6.74	83	117663	19.602	ug/l	100
48) Methyl methacrylate	6.60	41	86609	18.425	ug/l	96
49) 1,4-Dioxane	6.59	88	36495	309.869	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	644964	95.873	ug/l	99
52) Toluene	7.62	92	213615	20.045	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	126269	18.958	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	142000	19.515	ug/l	98
55) 1,1,2-Trichloroethane	8.05	97	89604	19.878	ug/l	98
56) Ethyl methacrylate	8.00	69	123523	17.171	ug/l	99
57) 1,3-Dichloropropane	8.22	76	149379	19.517	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	216609	86.859	ug/l	99
59) 2-Hexanone	8.34	43	480297	94.575	ug/l	100
60) Dibromochloromethane	8.46	129	95059	19.645	ug/l	98
61) 1,2-Dibromoethane	8.57	107	89416	18.831	ug/l	96
64) Tetrachloroethene	8.21	164	79623	20.239	ug/l	98
65) Chlorobenzene	9.10	112	234832	19.480	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.19	131	82912	18.967	ug/l	99
67) Ethyl Benzene	9.23	91	396501	19.403	ug/l	98
68) m/p-Xylenes	9.36	106	305764	39.351	ug/l	100
69) o-Xylene	9.76	106	145090	19.463	ug/l	99
70) Styrene	9.77	104	256049	20.032	ug/l	99
71) Bromoform	9.94	173	71066	18.711	ug/l #	99
73) Isopropylbenzene	10.15	105	393607	18.644	ug/l	99
74) N-amyl acetate	10.00	43	157790	17.770	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	151419	18.739	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	130622m	18.439	ug/l	
77) Bromobenzene	10.43	156	106797	18.805	ug/l	100
78) n-propylbenzene	10.57	91	460335	18.723	ug/l	99
79) 2-Chlorotoluene	10.64	91	279269	18.937	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	343231	19.182	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	40293m	19.153	ug/l	
82) 4-Chlorotoluene	10.75	91	321848	18.976	ug/l	99
83) tert-Butylbenzene	11.08	119	317894	18.047	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	341675	19.230	ug/l	100
85) sec-Butylbenzene	11.30	105	393619	18.644	ug/l	100
86) p-Isopropyltoluene	11.46	119	357657	18.731	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	191721	19.069	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	193590	19.039	ug/l	99
89) n-Butylbenzene	11.87	91	307833	18.286	ug/l	100
90) Hexachloroethane	12.12	117	52602	15.934	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	187330	19.450	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	28619	17.778	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090419\
Data File : VU034220.D
Acq On : 03 Sep 2019 12:18
Operator : JC/SP
Sample : VU0904MBS01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0904MBS01

Manual Integrations
APPROVED

MMDadoda
9/4/2019 4:57:39 PM

Quant Time: Sep 04 05:09:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	112450	17.163	ug/l	97
94) Hexachlorobutadiene	13.67	225	62388	16.559	ug/l	99
95) Naphthalene	13.73	128	319343	17.485	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	119748	19.409	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU090419\
Data File : VU034220.D
Acq On : 03 Sep 2019 12:18
Operator : JC/SP
Sample : VU0904MBS01
Misc : 5.00uL/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0904MBS01

Manual Integrations
APPROVED

MMDadoda
9/4/2019 4:57:39 PM

Quant Time: Sep 04 05:09:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

