

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025670.D
 Acq On : 27 Jul 2018 15:41
 Operator : MD/SY
 Sample : VU0727MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0727MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 3:48:47 PM

Quant Time: Jul 28 04:55:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	183749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	273554	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	258139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	164078	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	144016	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.60%		
35) Dibromofluoromethane	4.89	113	117060	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.40%		
50) Toluene-d8	7.57	98	422022	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.38%		
62) 4-Bromofluorobenzene	10.31	95	162307	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.46%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	62181	22.39	ug/l	97
3) Chloromethane	1.33	50	53767	20.26	ug/l	99
4) Vinyl Chloride	1.40	62	50291	20.13	ug/l	100
5) Bromomethane	1.63	94	26181	21.46	ug/l	97
6) Chloroethane	1.70	64	27876	19.08	ug/l	93
7) Trichlorofluoromethane	1.89	101	74007	20.49	ug/l	99
8) Diethyl Ether	2.10	74	25288	19.35	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	43938	21.02	ug/l	99
10) Methyl Iodide	2.41	142	28101	20.53	ug/l	98
11) Tert butyl alcohol	2.83	59	62368	99.50	ug/l	99
12) 1,1-Dichloroethene	2.28	96	39676	20.11	ug/l	98
13) Acrolein	2.19	56	19754	85.68	ug/l	97
14) Allyl chloride	2.59	41	68958	19.45	ug/l	95
15) Acrylonitrile	2.94	53	126152	100.80	ug/l	98
16) Acetone	2.32	43	149633	107.20	ug/l	97
17) Carbon Disulfide	2.48	76	123893	19.40	ug/l	100
18) Methyl Acetate	2.62	43	74412	22.15	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	142926	19.99	ug/l	99
20) Methylene Chloride	2.70	84	48414	19.57	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	45393	19.90	ug/l	98
22) Diisopropyl ether	3.57	45	140719	20.14	ug/l	94
23) Vinyl Acetate	3.53	43	609229	100.06	ug/l	100
24) 1,1-Dichloroethane	3.45	63	85345	20.35	ug/l	99
25) 2-Butanone	4.27	43	200060	105.29	ug/l	99
26) 2,2-Dichloropropane	4.23	77	79008	20.73	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	50292	19.56	ug/l	99
28) Bromochloromethane	4.55	49	39321	20.97	ug/l	100
29) Tetrahydrofuran	4.64	42	115876	101.79	ug/l	99
30) Chloroform	4.68	83	89060	20.12	ug/l	99
31) Cyclohexane	5.00	56	74837	19.69	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	80583	20.22	ug/l	99
36) 1,1-Dichloropropene	5.14	75	65100	20.36	ug/l	99
37) Ethyl Acetate	4.38	43	67757	20.44	ug/l	98
38) Carbon Tetrachloride	5.14	117	71608	19.78	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025670.D
 Acq On : 27 Jul 2018 15:41
 Operator : MD/SY
 Sample : VU0727MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0727MBS01

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 3:48:47 PM

Quant Time: Jul 28 04:55:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	74806	20.42	ug/l	96
40) Benzene	5.39	78	182921	19.57	ug/l	97
41) Methacrylonitrile	4.55	41	36994	20.09	ug/l	98
42) 1,2-Dichloroethane	5.41	62	73160	20.33	ug/l	99
43) Isopropyl Acetate	5.55	43	109399	19.97	ug/l	100
44) Trichloroethene	6.19	130	50461	19.39	ug/l	100
45) 1,2-Dichloropropane	6.44	63	48687	19.98	ug/l	95
46) Dibromomethane	6.56	93	34872	19.75	ug/l	97
47) Bromodichloromethane	6.76	83	66542	19.75	ug/l	99
48) Methyl methacrylate	6.63	41	56206	20.94	ug/l	98
49) 1,4-Dioxane	6.62	88	26903	411.79	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	349011	101.77	ug/l	100
52) Toluene	7.64	92	117257	20.20	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	75120	19.86	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	79372	20.43	ug/l	96
55) 1,1,2-Trichloroethane	8.07	97	47228	19.58	ug/l	99
56) Ethyl methacrylate	8.02	69	69623	20.20	ug/l	97
57) 1,3-Dichloropropane	8.25	76	80784	19.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	140046	94.25	ug/l	99
59) 2-Hexanone	8.36	43	279311	103.90	ug/l	99
60) Dibromochloromethane	8.48	129	55046	19.35	ug/l	98
61) 1,2-Dibromoethane	8.59	107	53920	20.10	ug/l	99
64) Tetrachloroethene	8.23	164	46803	20.60	ug/l	98
65) Chlorobenzene	9.12	112	134438	20.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	49465	20.55	ug/l	99
67) Ethyl Benzene	9.25	91	225172	20.42	ug/l	99
68) m/p-Xylenes	9.38	106	179162	42.33	ug/l	98
69) o-Xylene	9.78	106	83742	20.24	ug/l	96
70) Styrene	9.80	104	137025	20.51	ug/l	100
71) Bromoform	9.96	173	40457	19.38	ug/l #	100
73) Isopropylbenzene	10.17	105	230612	20.59	ug/l	98
74) N-amyl acetate	10.01	43	93981	20.56	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	77382	19.98	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	70198m	19.42	ug/l	
77) Bromobenzene	10.45	156	62496	20.23	ug/l	99
78) n-propylbenzene	10.59	91	274812	21.02	ug/l	99
79) 2-Chlorotoluene	10.66	91	160299	20.94	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	202020	21.24	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.50	75	55947m	38.81	ug/l	
82) 4-Chlorotoluene	10.78	91	192170	21.29	ug/l	99
83) tert-Butylbenzene	11.10	119	193520	20.48	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	205484	21.32	ug/l	99
85) sec-Butylbenzene	11.33	105	236985	20.54	ug/l	98
86) p-Isopropyltoluene	11.48	119	222336	21.52	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	118634	20.69	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	121648	20.35	ug/l	100
89) n-Butylbenzene	11.89	91	203236	21.32	ug/l	99
90) Hexachloroethane	12.15	117	35773	19.48	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	114457	20.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18717	20.39	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU072718\
Data File : VU025670.D
Acq On : 27 Jul 2018 15:41
Operator : MD/SY
Sample : VU0727MBS01
Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0727MBS01

Manual Integrations
APPROVED

MMDadoda
7/31/2018 3:48:47 PM

Quant Time: Jul 28 04:55:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 13:11:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	82346	21.71	ug/l	98
94) Hexachlorobutadiene	13.70	225	41637	20.82	ug/l	100
95) Naphthalene	13.75	128	245820	20.92	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	80877	21.37	ug/l	99

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

