

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024888.D
 Acq On : 25 Jun 2018 20:35
 Operator : MD/SY
 Sample : VU0625MBSD01
 Misc : 5.00uL/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0625MBSD01

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:20:07 AM

Quant Time: Jun 26 05:53:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	176917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	273901	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	256575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148545	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	139185	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
35) Dibromofluoromethane	4.89	113	111611	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	7.57	98	388801	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
62) 4-Bromofluorobenzene	10.31	95	154639	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41180	18.60	ug/l	98
3) Chloromethane	1.33	50	43047	19.03	ug/l	100
4) Vinyl Chloride	1.40	62	45969	19.70	ug/l	98
5) Bromomethane	1.62	94	27665	24.53	ug/l	97
6) Chloroethane	1.70	64	29641	22.15	ug/l	97
7) Trichlorofluoromethane	1.89	101	72124	20.26	ug/l	99
8) Diethyl Ether	2.10	74	27533	21.66	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.29	101	42674	19.32	ug/l	97
10) Methyl Iodide	2.41	142	37643	23.29	ug/l	100
11) Tert butyl alcohol	2.82	59	68449	97.44	ug/l	99
12) 1,1-Dichloroethene	2.28	96	38854	19.29	ug/l	96
13) Acrolein	2.19	56	20917	56.71	ug/l	92
14) Allyl chloride	2.60	41	68807	18.40	ug/l	99
15) Acrylonitrile	2.93	53	142783	104.47	ug/l	99
16) Acetone	2.32	43	140794	90.73	ug/l	99
17) Carbon Disulfide	2.48	76	105047	16.29	ug/l	99
18) Methyl Acetate	2.62	43	77572	23.32	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	155422	20.53	ug/l	98
20) Methylene Chloride	2.70	84	52112	21.40	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	42621	19.21	ug/l	98
22) Diisopropyl ether	3.57	45	151938	20.49	ug/l	97
23) Vinyl Acetate	3.53	43	648974	97.71	ug/l	98
24) 1,1-Dichloroethane	3.45	63	85995	20.16	ug/l	97
25) 2-Butanone	4.26	43	206905	99.26	ug/l	97
26) 2,2-Dichloropropane	4.23	77	73918	18.25	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	53130	20.83	ug/l	96
28) Bromochloromethane	4.55	49	40821	21.73	ug/l	89
29) Tetrahydrofuran	4.64	42	130014	100.72	ug/l	95
30) Chloroform	4.68	83	89903	20.82	ug/l	98
31) Cyclohexane	5.00	56	78168	19.43	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	80780	20.23	ug/l	96
36) 1,1-Dichloropropene	5.14	75	60150	18.69	ug/l	95
37) Ethyl Acetate	4.38	43	74260	21.17	ug/l	97
38) Carbon Tetrachloride	5.14	117	69727	19.70	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024888.D
 Acq On : 25 Jun 2018 20:35
 Operator : MD/SY
 Sample : VU0625MBSD01
 Misc : 5.00µ/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0625MBSD01

Manual Integrations
 APPROVED

apatel
 6/27/2018 11:20:07 AM

Quant Time: Jun 26 05:53:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	77904	19.40	ug/l	95
40) Benzene	5.39	78	185920	20.27	ug/l	98
41) Methacrylonitrile	4.54	41	41536	21.96	ug/l	96
42) 1,2-Dichloroethane	5.41	62	75956	21.75	ug/l	99
43) Isopropyl Acetate	5.55	43	124602	20.55	ug/l	99
44) Trichloroethene	6.19	130	51088	19.57	ug/l	95
45) 1,2-Dichloropropane	6.44	63	52291	21.37	ug/l	99
46) Dibromomethane	6.56	93	35840	20.85	ug/l	94
47) Bromodichloromethane	6.76	83	69198	20.22	ug/l	98
48) Methyl methacrylate	6.63	41	62735	21.25	ug/l	97
49) 1,4-Dioxane	6.62	88	28132	487.19	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	406124	106.61	ug/l	99
52) Toluene	7.64	92	119259	20.21	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	73333	19.08	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	77600	18.95	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	51165	21.33	ug/l	98
56) Ethyl methacrylate	8.02	69	83918	20.90	ug/l	98
57) 1,3-Dichloropropane	8.25	76	86321	21.34	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	25372	16.50	ug/l	95
59) 2-Hexanone	8.36	43	315890	101.57	ug/l	99
60) Dibromochloromethane	8.48	129	56112	18.76	ug/l	99
61) 1,2-Dibromoethane	8.59	107	54978	20.59	ug/l	99
64) Tetrachloroethene	8.23	164	47945	19.66	ug/l	97
65) Chlorobenzene	9.12	112	135744	20.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	52194	20.96	ug/l	98
67) Ethyl Benzene	9.25	91	235752	20.52	ug/l	100
68) m/p-Xylenes	9.38	106	183579	41.61	ug/l	97
69) o-Xylene	9.78	106	90841	20.80	ug/l	99
70) Styrene	9.80	104	145774	20.31	ug/l	98
71) Bromoform	9.96	173	44275	18.71	ug/l #	100
73) Isopropylbenzene	10.17	105	243321	21.34	ug/l	99
74) N-amyl acetate	10.01	43	107155	19.75	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	84938	22.22	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	76196m	23.30	ug/l	
77) Bromobenzene	10.45	156	62820	21.76	ug/l	96
78) n-propylbenzene	10.59	91	274575	20.44	ug/l	97
79) 2-Chlorotoluene	10.66	91	166720	21.04	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	209029	21.15	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	25076m	17.75	ug/l	
82) 4-Chlorotoluene	10.78	91	190522	20.66	ug/l	100
83) tert-Butylbenzene	11.10	119	207049	21.77	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	212220	21.07	ug/l	99
85) sec-Butylbenzene	11.33	105	251648	21.14	ug/l	99
86) p-Isopropyltoluene	11.48	119	218549	20.50	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	110295	20.68	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	112117	20.88	ug/l	99
89) n-Butylbenzene	11.89	91	174452	18.43	ug/l	97
90) Hexachloroethane	12.15	117	38245	18.39	ug/l	94
91) 1,2-Dichlorobenzene	11.88	146	117485	21.99	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21678	20.56	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062518\
Data File : VU024888.D
Acq On : 25 Jun 2018 20:35
Operator : MD/SY
Sample : VU0625MBSD01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0625MBSD01

Manual Integrations
APPROVED

apatel
6/27/2018 11:20:07 AM

Quant Time: Jun 26 05:53:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	71448	21.66	ug/l	99
94) Hexachlorobutadiene	13.70	225	39437	21.24	ug/l	99
95) Naphthalene	13.74	128	241746	22.51	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	76659	23.32	ug/l	99

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

