

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024553.D
 Acq On : 14 Jun 2018 20:21
 Operator : MD/SY
 Sample : J3443-05MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-5-9.0-061118MS

Manual Integrations
 APPROVED

apatel
 6/15/2018 3:19:34 PM

Quant Time: Jun 15 05:05:41 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	165640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	267523	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	262964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	158571	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	130108	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
35) Dibromofluoromethane	4.89	113	113029	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	7.57	98	418542	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	10.31	95	166198	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.21	85	89344	43.093	ug/l	97
3) Chloromethane	1.33	50	98737	46.614	ug/l	99
4) Vinyl Chloride	1.40	62	109270	50.022	ug/l	98
5) Bromomethane	1.63	94	58303	55.212	ug/l	100
6) Chloroethane	1.70	64	66979	54.977	ug/l	99
7) Trichlorofluoromethane	1.89	101	161781	48.530	ug/l	98
8) Diethyl Ether	2.10	74	62026	54.856	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	92695	44.820	ug/l	98
10) Methyl Iodide	2.41	142	67368	39.707	ug/l	98
11) Tert butyl alcohol	2.82	59	143622	218.382	ug/l	98
12) 1,1-Dichloroethene	2.28	96	90193	47.821	ug/l	94
13) Acrolein	2.19	56	74430	215.517	ug/l	100
14) Allyl chloride	2.60	41	156398	44.661	ug/l	94
15) Acrylonitrile	2.94	53	325433	254.332	ug/l	98
16) Acetone	2.32	43	263174	181.135	ug/l	98
17) Carbon Disulfide	2.48	76	283423	46.930	ug/l	99
18) Methyl Acetate	2.62	43	142488	45.746	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	334788	47.222	ug/l	96
20) Methylene Chloride	2.70	84	107257	47.048	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	101977	49.091	ug/l	95
22) Diisopropyl ether	3.57	45	339046	48.840	ug/l	95
23) Vinyl Acetate	3.53	43	1440952	231.717	ug/l	99
24) 1,1-Dichloroethane	3.45	63	192042	48.088	ug/l	99
25) 2-Butanone	4.26	43	455990	233.650	ug/l	98
26) 2,2-Dichloropropane	4.23	77	152229	40.144	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	117888	49.363	ug/l	95
28) Bromochloromethane	4.55	49	91438	51.983	ug/l	87
29) Tetrahydrofuran	4.64	42	301443	249.424	ug/l	98
30) Chloroform	4.68	83	194671	48.161	ug/l	99
31) Cyclohexane	5.00	56	176034	49.623	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	173446	46.403	ug/l	95
36) 1,1-Dichloropropene	5.14	75	145194	46.187	ug/l	97
37) Ethyl Acetate	4.38	43	160717	46.907	ug/l #	96
38) Carbon Tetrachloride	5.14	117	161131	46.611	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061418\
 Data File : VU024553.D
 Acq On : 14 Jun 2018 20:21
 Operator : MD/SY
 Sample : J3443-05MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T3-MW-5-9.0-061118MS

Manual Integrations
 APPROVED

apatel
 6/15/2018 3:19:34 PM

Quant Time: Jun 15 05:05:41 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	180038	45.893	ug/l	94
40) Benzene	5.39	78	427754	47.753	ug/l	99
41) Methacrylonitrile	4.54	41	94410	51.106	ug/l	97
42) 1,2-Dichloroethane	5.41	62	154180	45.193	ug/l	97
43) Isopropyl Acetate	5.55	43	272697	46.044	ug/l	98
44) Trichloroethene	6.19	130	119081	46.711	ug/l	94
45) 1,2-Dichloropropane	6.44	63	117619	49.211	ug/l	98
46) Dibromomethane	6.56	93	82656	49.235	ug/l	95
47) Bromodichloromethane	6.76	83	158783	47.497	ug/l	98
48) Methyl methacrylate	6.63	41	137795	47.781	ug/l	99
49) 1,4-Dioxane	6.61	88	50915	902.772	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	913935	245.627	ug/l	98
52) Toluene	7.64	92	275606	47.824	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	177613	47.310	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	187461	46.861	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	110775	47.288	ug/l	99
56) Ethyl methacrylate	8.02	69	190217	48.514	ug/l	100
57) 1,3-Dichloropropane	8.25	76	191727	48.517	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	655	0.436	ug/l #	50
59) 2-Hexanone	8.36	43	715576	235.565	ug/l	99
60) Dibromochloromethane	8.48	129	137830	47.183	ug/l	100
61) 1,2-Dibromoethane	8.59	107	126106	48.365	ug/l	99
64) Tetrachloroethene	8.23	164	99537	39.822	ug/l	99
65) Chlorobenzene	9.12	112	315788	47.008	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	118652	46.490	ug/l	98
67) Ethyl Benzene	9.25	91	541866	46.011	ug/l	98
68) m/p-Xylenes	9.38	106	420043	92.883	ug/l	98
69) o-Xylene	9.78	106	209400	46.788	ug/l	95
70) Styrene	9.80	104	347051	47.187	ug/l	99
71) Bromoform	9.96	173	113814	46.917	ug/l #	100
73) Isopropylbenzene	10.17	105	552607	45.391	ug/l	99
74) N-amyl acetate	10.01	43	253931	43.851	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	194933	47.781	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	159879m	45.795	ug/l	
77) Bromobenzene	10.45	156	143431	46.536	ug/l	96
78) n-propylbenzene	10.59	91	654631	45.646	ug/l	97
79) 2-Chlorotoluene	10.66	91	381441	45.102	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	477057	45.210	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.52	75	53591m	35.527	ug/l	
82) 4-Chlorotoluene	10.78	91	452365	45.956	ug/l	99
83) tert-Butylbenzene	11.10	119	473326	46.631	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	484729	45.076	ug/l	98
85) sec-Butylbenzene	11.33	105	579119	45.580	ug/l	97
86) p-Isopropyltoluene	11.48	119	511829	44.979	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	263179	46.219	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	265267	46.284	ug/l	100
89) n-Butylbenzene	11.89	91	470145	46.537	ug/l	97
90) Hexachloroethane	12.15	117	98085	44.186	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	262506	46.026	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51075	45.372	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061418\
Data File : VU024553.D
Acq On : 14 Jun 2018 20:21
Operator : MD/SY
Sample : J3443-05MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
T3-MW-5-9.0-061118MS

Manual Integrations
APPROVED

apatel
6/15/2018 3:19:34 PM

Quant Time: Jun 15 05:05:41 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	186314	52.900	ug/l	99
94) Hexachlorobutadiene	13.70	225	86157	43.461	ug/l	99
95) Naphthalene	13.74	128	583868	50.075	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	188932	53.835	ug/l	99

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

