

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062018\
 Data File : VU024771.D
 Acq On : 20 Jun 2018 20:46
 Operator : MD/SY
 Sample : J3529-09MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 TPTW-04MS

Manual Integrations
 APPROVED

apatel
 6/21/2018 1:44:44 PM

Quant Time: Jun 21 08:19:50 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	175049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	272921	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	263540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155655	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	124873	43.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.40%	
35) Dibromofluoromethane	4.89	113	104735	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
50) Toluene-d8	7.57	98	370027	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	
62) 4-Bromofluorobenzene	10.31	95	148176	45.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.34%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	88160	40.24	ug/l	100
3) Chloromethane	1.33	50	103758	46.35	ug/l	98
4) Vinyl Chloride	1.40	62	107025	46.36	ug/l	98
5) Bromomethane	1.62	94	58270	52.21	ug/l	99
6) Chloroethane	1.70	64	68796	53.40	ug/l	100
7) Trichlorofluoromethane	1.89	101	164662	46.74	ug/l	100
8) Diethyl Ether	2.10	74	64653	54.08	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	89542	40.97	ug/l	95
10) Methyl Iodide	2.41	142	94872	51.15	ug/l	98
11) Tert butyl alcohol	2.82	59	176366	253.76	ug/l	99
12) 1,1-Dichloroethene	2.28	96	88779	44.54	ug/l	92
13) Acrolein	2.19	56	37362	102.37	ug/l	97
14) Allyl chloride	2.59	41	149504	40.40	ug/l	94
15) Acrylonitrile	2.93	53	259805	192.13	ug/l	99
16) Acetone	2.32	43	454979	296.32	ug/l	99
17) Carbon Disulfide	2.48	76	269077	42.16	ug/l	99
18) Methyl Acetate	2.62	43	179457	54.52	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	377973	50.45	ug/l	97
20) Methylene Chloride	2.70	84	106187	44.08	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	95968	43.72	ug/l	94
22) Diisopropyl ether	3.57	45	344009	46.89	ug/l	98
23) Vinyl Acetate	3.53	43	1515238	230.57	ug/l	99
24) 1,1-Dichloroethane	3.45	63	192583	45.63	ug/l	99
25) 2-Butanone	4.26	43	536434	260.10	ug/l	98
26) 2,2-Dichloropropane	4.23	77	156258	38.99	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	115620	45.81	ug/l	96
28) Bromochloromethane	4.55	49	89152	47.96	ug/l	88
29) Tetrahydrofuran	4.63	42	342961	268.52	ug/l	97
30) Chloroform	4.68	83	198529	46.48	ug/l	100
31) Cyclohexane	5.00	56	165129	43.82	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	177051	44.82	ug/l	96
36) 1,1-Dichloropropene	5.14	75	137531	42.88	ug/l	98
37) Ethyl Acetate	4.38	43	187367	53.60	ug/l	97
38) Carbon Tetrachloride	5.14	117	159190	45.14	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
 Data File : VU024771.D
 Acq On : 20 Jun 2018 20:46
 Operator : MD/SY
 Sample : J3529-09MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TPTW-04MS

Manual Integrations
 APPROVED

apatel
 6/21/2018 1:44:44 PM

Quant Time: Jun 21 08:19:50 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	161367	40.32	ug/l	95
40) Benzene	5.39	78	518481	56.74	ug/l	100
41) Methacrylonitrile	4.54	41	91624	48.62	ug/l	97
42) 1,2-Dichloroethane	5.41	62	167946	48.25	ug/l	100
43) Isopropyl Acetate	5.55	43	302931	50.14	ug/l	99
44) Trichloroethene	6.19	130	114471	44.01	ug/l	92
45) 1,2-Dichloropropane	6.44	63	116474	47.77	ug/l	98
46) Dibromomethane	6.56	93	82310	48.06	ug/l	95
47) Bromodichloromethane	6.76	83	159414	46.74	ug/l	98
48) Methyl methacrylate	6.62	41	120592	40.99	ug/l	98
49) 1,4-Dioxane	6.61	88	64552	1121.93	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	1045630	275.46	ug/l	98
52) Toluene	7.64	92	277017	47.12	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	171104	44.67	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	180063	44.12	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	114773	48.03	ug/l	99
56) Ethyl methacrylate	8.02	69	171436	42.86	ug/l	97
57) 1,3-Dichloropropane	8.25	76	198793	49.31	ug/l	100
59) 2-Hexanone	8.36	43	830761	268.07	ug/l	99
60) Dibromochloromethane	8.48	129	138311	46.41	ug/l	100
61) 1,2-Dibromoethane	8.59	107	130852	49.19	ug/l	99
64) Tetrachloroethene	8.23	164	97941	39.10	ug/l	99
65) Chlorobenzene	9.12	112	311644	46.29	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	119870	46.86	ug/l	97
67) Ethyl Benzene	9.25	91	539356	45.70	ug/l	98
68) m/p-Xylenes	9.38	106	417015	92.01	ug/l	97
69) o-Xylene	9.78	106	213284	47.55	ug/l	95
70) Stvrene	9.80	104	319491	43.34	ug/l	99
71) Bromoform	9.96	173	111298	45.78	ug/l #	99
73) Isopropylbenzene	10.17	105	553974	46.36	ug/l	99
74) N-amyl acetate	10.01	43	290622	51.13	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	205707	51.37	ug/l	100
76) 1,2,3-Trichloropropane	10.50	75	173151m	50.53	ug/l	
77) Bromobenzene	10.45	156	143399	47.40	ug/l	96
78) n-propylbenzene	10.59	91	626132	44.48	ug/l	96
79) 2-Chlorotoluene	10.66	91	375436	45.22	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	479140	46.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	59454m	40.15	ug/l	
82) 4-Chlorotoluene	10.78	91	439671	45.50	ug/l	98
83) tert-Butylbenzene	11.10	119	476373	47.81	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	501984	47.56	ug/l	100
85) sec-Butylbenzene	11.33	105	570059	45.71	ug/l	98
86) p-Isopropyltoluene	11.48	119	514978	46.10	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	259655	46.45	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	261795	46.53	ug/l	99
89) n-Butylbenzene	11.89	91	437548	44.12	ug/l	97
90) Hexachloroethane	12.15	117	93109	42.73	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	266623	47.62	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	58412	52.86	ug/l	91
93) 1,2,4-Trichlorobenzene	13.51	180	178550	51.64	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062018\
Data File : VU024771.D
Acq On : 20 Jun 2018 20:46
Operator : MD/SY
Sample : J3529-09MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TPTW-04MS

Manual Integrations
APPROVED

apatel
6/21/2018 1:44:44 PM

Quant Time: Jun 21 08:19:50 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)
94) Hexachlorobutadiene	13.70	225	89367	45.92	ug/l	99
95) Naphthalene	13.74	128	677931	59.11	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	188835	54.81	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062018\
Data File : VU024771.D
Acq On : 20 Jun 2018 20:46
Operator : MD/SY
Sample : J3529-09MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
TPTW-04MS

Manual Integrations
APPROVED

apatel
6/21/2018 1:44:44 PM

Quant Time: Jun 21 08:19:50 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

