

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028597.D
 Acq On : 11 Dec 2018 10:30
 Operator : MD/SY
 Sample : J6314-12MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MS

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 3:02:52 PM

Quant Time: Dec 11 13:26:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	89448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	161835	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	151357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73625	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	75341	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
35) Dibromofluoromethane	4.88	113	54939	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
50) Toluene-d8	7.56	98	212775	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
62) 4-Bromofluorobenzene	10.30	95	79015	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	61658	51.428	ug/l	99
3) Chloromethane	1.33	50	106847	48.474	ug/l	99
4) Vinyl Chloride	1.40	62	81541	51.261	ug/l	99
5) Bromomethane	1.61	94	30963	48.322	ug/l	99
6) Chloroethane	1.69	64	45775	50.831	ug/l	96
7) Trichlorofluoromethane	1.88	101	83561	49.929	ug/l	99
8) Diethyl Ether	2.10	74	38153	48.727	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	48950	48.905	ug/l	98
10) Methyl Iodide	2.41	142	46914	59.734	ug/l	98
11) Tert butyl alcohol	2.83	59	84152	276.703	ug/l	98
12) 1,1-Dichloroethene	2.28	96	49733	49.938	ug/l	99
13) Acrolein	2.19	56	55618	229.405	ug/l	99
14) Allyl chloride	2.59	41	111216	47.206	ug/l	99
15) Acrylonitrile	2.93	53	234020	277.161	ug/l	99
16) Acetone	2.32	43	187311	210.285	ug/l	99
17) Carbon Disulfide	2.48	76	172045	47.954	ug/l	99
18) Methyl Acetate	2.61	43	114222	49.467	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	194458	51.507	ug/l	99
20) Methylene Chloride	2.70	84	62922	47.919	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	55294	49.312	ug/l	98
22) Diisopropyl ether	3.57	45	244263	53.314	ug/l	97
23) Vinyl Acetate	3.52	43	863443	228.480	ug/l	99
24) 1,1-Dichloroethane	3.44	63	121709	50.749	ug/l	99
25) 2-Butanone	4.26	43	321038	263.731	ug/l	97
26) 2,2-Dichloropropane	4.23	77	67086	35.303	ug/l	97
27) cis-1,2-Dichloroethene	4.22	96	64091	50.499	ug/l	97
28) Bromochloromethane	4.55	49	117448	107.726	ug/l	98
29) Tetrahydrofuran	4.64	42	221386	283.177	ug/l	97
30) Chloroform	4.67	83	109468	52.371	ug/l	94
31) Cyclohexane	4.99	56	118348	50.582	ug/l	100
32) 1,1,1-Trichloroethane	4.92	97	89108	51.329	ug/l	98
36) 1,1-Dichloropropene	5.13	75	84845	47.910	ug/l	100
37) Ethyl Acetate	4.38	43	107317	46.878	ug/l	98
38) Carbon Tetrachloride	5.13	117	70777	49.585	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028597.D
 Acq On : 11 Dec 2018 10:30
 Operator : MD/SY
 Sample : J6314-12MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BPS1-TT-MW303I2-20181207MS

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 3:02:52 PM

Quant Time: Dec 11 13:26:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	99687	46.140	ug/l	99
40) Benzene	5.39	78	261116	50.062	ug/l	99
41) Methacrylonitrile	4.54	41	67935	54.187	ug/l	99
42) 1,2-Dichloroethane	5.40	62	90790	49.728	ug/l	99
43) Isopropyl Acetate	5.55	43	178919	49.412	ug/l	99
44) Trichloroethene	6.19	130	59290	51.124	ug/l	100
45) 1,2-Dichloropropane	6.43	63	75969	51.795	ug/l	98
46) Dibromomethane	6.56	93	44310	50.916	ug/l	99
47) Bromodichloromethane	6.76	83	84628	49.973	ug/l	98
48) Methyl methacrylate	6.62	41	97854	54.341	ug/l	99
49) 1,4-Dioxane	6.61	88	31094	1093.594	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	617607	270.430	ug/l	99
52) Toluene	7.64	92	151370	49.312	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	95793	47.496	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	102361	46.779	ug/l	98
55) 1,1,2-Trichloroethane	8.06	97	62361	51.394	ug/l	96
56) Ethyl methacrylate	8.02	69	109106	52.508	ug/l	99
57) 1,3-Dichloropropane	8.24	76	113671	50.466	ug/l	100
59) 2-Hexanone	8.36	43	470602	259.979	ug/l	99
60) Dibromochloromethane	8.48	129	58885	49.567	ug/l	99
61) 1,2-Dibromoethane	8.58	107	64799	50.925	ug/l	99
64) Tetrachloroethene	8.22	164	48707	48.244	ug/l	98
65) Chlorobenzene	9.12	112	157969	48.979	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	53383	51.832	ug/l	99
67) Ethyl Benzene	9.25	91	293833	49.558	ug/l	98
68) m/p-Xylenes	9.37	106	213423	98.924	ug/l	98
69) o-Xylene	9.78	106	105071	50.115	ug/l	98
70) Styrene	9.79	104	173365	49.965	ug/l	100
71) Bromoform	9.96	173	45128	51.507	ug/l #	97
73) Isopropylbenzene	10.16	105	279358	49.448	ug/l	99
74) N-amyl acetate	10.01	43	148862	45.680	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	115952	53.429	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	99944m	53.161	ug/l	
77) Bromobenzene	10.45	156	65941	49.907	ug/l	100
78) n-propylbenzene	10.58	91	340378	48.487	ug/l	99
79) 2-Chlorotoluene	10.66	91	199957	49.449	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	233090	49.843	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	31856m	41.748	ug/l	
82) 4-Chlorotoluene	10.77	91	229744	47.945	ug/l	100
83) tert-Butylbenzene	11.10	119	222602	49.385	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	239422	49.678	ug/l	100
85) sec-Butylbenzene	11.32	105	283647	48.983	ug/l	100
86) p-Isopropyltoluene	11.48	119	235465	47.869	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	120377	48.249	ug/l	99
88) 1,4-Dichlorobenzene	11.50	146	119354	46.238	ug/l	99
89) n-Butylbenzene	11.89	91	226993	45.597	ug/l	100
90) Hexachloroethane	12.14	117	36368	48.915	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	121331	48.618	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.65	75	25197	53.628	ug/l	97
93) 1,2,4-Trichlorobenzene	13.50	180	79216	46.257	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
Data File : VU028597.D
Acq On : 11 Dec 2018 10:30
Operator : MD/SY
Sample : J6314-12MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BPS1-TT-MW303I2-20181207MS

Manual Integrations
APPROVED

MMDadoda
12/11/2018 3:02:52 PM

Quant Time: Dec 11 13:26:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.69	225	35295	43.175	ug/l	96
95) Naphthalene	13.74	128	287867	48.070	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	81493	47.754	ug/l	99

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

