

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025204.D
 Acq On : 05 Jul 2018 10:08
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 7/6/2018 4:21:29 PM

Quant Time: Jul 06 05:23:21 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	170686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	251445	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	236371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149368	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	129735	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	4.89	113	107101	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	7.57	98	340552	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
62) 4-Bromofluorobenzene	10.31	95	151417	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85945	40.228	ug/l	100
3) Chloromethane	1.33	50	88031	40.331	ug/l	98
4) Vinyl Chloride	1.40	62	98965	43.965	ug/l	99
5) Bromomethane	1.62	94	61331	56.362	ug/l	100
6) Chloroethane	1.69	64	64476	51.287	ug/l	99
7) Trichlorofluoromethane	1.88	101	167247	48.686	ug/l	99
8) Diethyl Ether	2.10	74	62555	53.646	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.29	101	104196	48.891	ug/l	98
10) Methyl Iodide	2.41	142	102009	55.865	ug/l	98
11) Tert butyl alcohol	2.82	59	145537	214.752	ug/l	99
12) 1,1-Dichloroethene	2.28	96	92264	47.473	ug/l	95
13) Acrolein	2.19	56	43000	120.828	ug/l	98
14) Allyl chloride	2.59	41	161595	44.781	ug/l	99
15) Acrylonitrile	2.93	53	317772	241.003	ug/l	98
16) Acetone	2.32	43	385061	257.192	ug/l	97
17) Carbon Disulfide	2.48	76	256377	41.197	ug/l	99
18) Methyl Acetate	2.61	43	194841	60.705	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	369804	50.619	ug/l	96
20) Methylene Chloride	2.70	84	110398	46.994	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	102178	47.734	ug/l	99
22) Diisopropyl ether	3.57	45	355892	49.751	ug/l	96
23) Vinyl Acetate	3.53	43	1491267	232.719	ug/l	99
24) 1,1-Dichloroethane	3.45	63	202226	49.141	ug/l	98
25) 2-Butanone	4.26	43	497160	247.215	ug/l	97
26) 2,2-Dichloropropane	4.23	77	193444	49.505	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	122795	49.898	ug/l	100
28) Bromochloromethane	4.55	49	79260	43.727	ug/l	87
29) Tetrahydrofuran	4.63	42	292438	234.819	ug/l	97
30) Chloroform	4.68	83	213160	51.176	ug/l	100
31) Cyclohexane	5.00	56	179338	49.036	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	194498	50.497	ug/l	97
36) 1,1-Dichloropropene	5.14	75	152053	51.462	ug/l	98
37) Ethyl Acetate	4.38	43	167702	52.075	ug/l	97
38) Carbon Tetrachloride	5.14	117	174692	53.766	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025204.D
 Acq On : 05 Jul 2018 10:08
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 7/6/2018 4:21:29 PM

Quant Time: Jul 06 05:23:21 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	194100	52.642	ug/l	95
40) Benzene	5.39	78	442550	52.564	ug/l	99
41) Methacrylonitrile	4.54	41	94899	54.656	ug/l	97
42) 1,2-Dichloroethane	5.41	62	178432	55.646	ug/l	100
43) Isopropyl Acetate	5.55	43	277058	49.772	ug/l	99
44) Trichloroethene	6.19	130	125481	52.369	ug/l	93
45) 1,2-Dichloropropane	6.44	63	118863	52.912	ug/l	99
46) Dibromomethane	6.56	93	86229	54.647	ug/l	96
47) Bromodichloromethane	6.76	83	165925	52.807	ug/l	99
48) Methyl methacrylate	6.62	41	146149	53.918	ug/l	97
49) 1,4-Dioxane	6.61	88	61097	1152.578	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	892360	255.164	ug/l	98
52) Toluene	7.64	92	286258	52.848	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	184899	52.400	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	193386	51.433	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	118417	53.782	ug/l	99
56) Ethyl methacrylate	8.02	69	186552	50.622	ug/l	99
57) 1,3-Dichloropropane	8.25	76	200743	54.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	330504	234.096	ug/l	96
59) 2-Hexanone	8.36	43	723547	253.419	ug/l	99
60) Dibromochloromethane	8.48	129	140470	51.161	ug/l	99
61) 1,2-Dibromoethane	8.59	107	129777	52.956	ug/l	98
64) Tetrachloroethene	8.23	164	116383	51.799	ug/l	98
65) Chlorobenzene	9.12	112	330453	54.725	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	127162	55.430	ug/l	98
67) Ethyl Benzene	9.25	91	573386	54.166	ug/l	96
68) m/p-Xylenes	9.38	106	450789	110.897	ug/l	97
69) o-Xylene	9.78	106	223790	55.629	ug/l	95
70) Styrene	9.80	104	356717	53.958	ug/l	99
71) Bromoform	9.96	173	112394	51.544	ug/l	# 99
73) Isopropylbenzene	10.17	105	601607	52.460	ug/l	99
74) N-amyl acetate	10.01	43	251426	46.094	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	195326	50.828	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	179761m	54.663	ug/l	
77) Bromobenzene	10.45	156	154705	53.287	ug/l	93
78) n-propylbenzene	10.59	91	696492	51.558	ug/l	97
79) 2-Chlorotoluene	10.66	91	409580	51.413	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	525188	52.837	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	68747m	48.383	ug/l	
82) 4-Chlorotoluene	10.78	91	477441	51.492	ug/l	98
83) tert-Butylbenzene	11.10	119	519818	54.367	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	534970	52.813	ug/l	99
85) sec-Butylbenzene	11.33	105	631746	52.786	ug/l	98
86) p-Isopropyltoluene	11.48	119	564519	52.666	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	282832	52.730	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	286498	53.069	ug/l	99
89) n-Butylbenzene	11.89	91	475223	49.938	ug/l	97
90) Hexachloroethane	12.15	117	100468	48.048	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	291227	54.207	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51155	48.243	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
Data File : VU025204.D
Acq On : 05 Jul 2018 10:08
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

sam
7/6/2018 4:21:29 PM

Quant Time: Jul 06 05:23:21 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)
93) 1,2,4-Trichlorobenzene	13.51	180	191357	57.679	ug/l	99
94) Hexachlorobutadiene	13.70	225	106108	56.823	ug/l	99
95) Naphthalene	13.74	128	589022	53.581	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	196608	59.473	ug/l	99

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

