

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025760.D
 Acq On : 01 Aug 2018 08:09
 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

MMDadoda
 8/2/2018 9:41:15 AM

Quant Time: Aug 01 14:52:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	184778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269664	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	257281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	170277	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	134645	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	
35) Dibromofluoromethane	4.89	113	110540	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
50) Toluene-d8	7.57	98	394982	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	10.31	95	152340	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	149489	53.527	ug/l	99
3) Chloromethane	1.33	50	116928	43.804	ug/l	98
4) Vinyl Chloride	1.40	62	121991	48.563	ug/l	99
5) Bromomethane	1.62	94	61144	49.835	ug/l	97
6) Chloroethane	1.69	64	70848	48.233	ug/l	99
7) Trichlorofluoromethane	1.88	101	183837	50.616	ug/l	100
8) Diethyl Ether	2.10	74	63612	48.406	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	106349	50.598	ug/l	99
10) Methyl Iodide	2.41	142	89212	46.279	ug/l	99
11) Tert butyl alcohol	2.83	59	142528	226.116	ug/l	99
12) 1,1-Dichloroethene	2.28	96	94890	47.828	ug/l	96
13) Acrolein	2.19	56	59745	261.818	ug/l	99
14) Allyl chloride	2.59	41	170136	47.719	ug/l	98
15) Acrylonitrile	2.93	53	304688	242.102	ug/l	98
16) Acetone	2.32	43	347184	247.343	ug/l	98
17) Carbon Disulfide	2.48	76	303382	47.249	ug/l	100
18) Methyl Acetate	2.61	43	186473	55.195	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	362609	50.435	ug/l	99
20) Methylene Chloride	2.70	84	116313	46.757	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	112559	49.078	ug/l	100
22) Diisopropyl ether	3.57	45	358244	50.990	ug/l	95
23) Vinyl Acetate	3.53	43	1492579	243.770	ug/l	99
24) 1,1-Dichloroethane	3.45	63	211237	50.086	ug/l	99
25) 2-Butanone	4.26	43	464923	243.319	ug/l	99
26) 2,2-Dichloropropane	4.23	77	200745	52.367	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	126282	48.838	ug/l	98
28) Bromochloromethane	4.55	49	96862	51.367	ug/l	100
29) Tetrahydrofuran	4.64	42	267735	233.879	ug/l	100
30) Chloroform	4.68	83	219823	49.379	ug/l	99
31) Cyclohexane	5.00	56	183804	50.104	ug/l	97
32) 1,1,1-Trichloroethane	4.91	97	202267	50.465	ug/l	99
36) 1,1-Dichloropropene	5.14	75	164307	52.137	ug/l	98
37) Ethyl Acetate	4.38	43	159966	48.953	ug/l	100
38) Carbon Tetrachloride	5.14	117	186739	52.315	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025760.D
 Acq On : 01 Aug 2018 08:09
 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

MMDadoda
 8/2/2018 9:41:15 AM

Quant Time: Aug 01 14:52:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	192423	53.290	ug/l	98
40) Benzene	5.39	78	460559	49.996	ug/l	98
41) Methacrylonitrile	4.54	41	90394	49.804	ug/l	99
42) 1,2-Dichloroethane	5.41	62	176656	49.803	ug/l	99
43) Isopropyl Acetate	5.55	43	264980	49.072	ug/l	98
44) Trichloroethene	6.19	130	131342	51.197	ug/l	99
45) 1,2-Dichloropropane	6.44	63	122762	51.098	ug/l	97
46) Dibromomethane	6.56	93	88075	50.594	ug/l	99
47) Bromodichloromethane	6.76	83	171891	51.765	ug/l	98
48) Methyl methacrylate	6.62	41	134842	50.950	ug/l	97
49) 1,4-Dioxane	6.62	88	65582	1018.302	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	832242	246.176	ug/l	99
52) Toluene	7.64	92	301176	52.626	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	199499	53.508	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	205327	53.611	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	124123	52.190	ug/l	98
56) Ethyl methacrylate	8.02	69	179480	52.818	ug/l	96
57) 1,3-Dichloropropane	8.25	76	206115	51.534	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	346256	225.725	ug/l	100
59) 2-Hexanone	8.36	43	670797	253.127	ug/l	98
60) Dibromochloromethane	8.48	129	146453	52.218	ug/l	100
61) 1,2-Dibromoethane	8.59	107	133988	50.657	ug/l	100
64) Tetrachloroethene	8.23	164	121578	53.687	ug/l	98
65) Chlorobenzene	9.12	112	348294	52.507	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	132089	55.046	ug/l	99
67) Ethyl Benzene	9.25	91	588563	53.566	ug/l	100
68) m/p-Xylenes	9.38	106	464282	110.061	ug/l	99
69) o-Xylene	9.78	106	222336	53.929	ug/l	99
70) Styrene	9.80	104	366869	55.091	ug/l	98
71) Bromoform	9.96	173	113967	54.773	ug/l #	98
73) Isopropylbenzene	10.17	105	611966	52.657	ug/l	99
74) N-amyl acetate	10.01	43	243397	51.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	194751	48.458	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	177788m	47.388	ug/l	
77) Bromobenzene	10.45	156	161679	50.436	ug/l	98
78) n-propylbenzene	10.59	91	724285	53.395	ug/l	99
79) 2-Chlorotoluene	10.66	91	418078	52.621	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	526471	53.340	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	67831m	45.335	ug/l	
82) 4-Chlorotoluene	10.78	91	500986	53.493	ug/l	98
83) tert-Butylbenzene	11.10	119	519091	52.933	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	544256	54.415	ug/l	98
85) sec-Butylbenzene	11.33	105	633846	52.940	ug/l	100
86) p-Isopropyltoluene	11.48	119	580073	54.107	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	308031	51.769	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	311883	50.284	ug/l	99
89) n-Butylbenzene	11.89	91	533413	53.917	ug/l	99
90) Hexachloroethane	12.15	117	100182	52.557	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	303661	52.066	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	46950	49.276	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU080118\
Data File : VU025760.D
Acq On : 01 Aug 2018 08:09
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

MMDadoda
8/2/2018 9:41:15 AM

Quant Time: Aug 01 14:52:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 31 16:07:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	217875	55.350	ug/l	98
94) Hexachlorobutadiene	13.70	225	102851	49.567	ug/l	100
95) Naphthalene	13.74	128	619395	49.014	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	212536	54.126	ug/l	99

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

