

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027063.D
 Acq On : 23 Sep 2018 10:20
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 105 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 4:40:35 PM

Quant Time: Sep 24 07:10:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	82439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	143940	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	141144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	78053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	86258	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
35) Dibromofluoromethane	4.88	113	62290	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
50) Toluene-d8	7.57	98	241045	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
62) 4-Bromofluorobenzene	10.31	95	86695	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	52558	48.830	ug/l	99
3) Chloromethane	1.33	50	86619	46.676	ug/l	99
4) Vinyl Chloride	1.40	62	88415	51.041	ug/l	99
5) Bromomethane	1.62	94	44892	45.509	ug/l	97
6) Chloroethane	1.69	64	56029	50.622	ug/l	99
7) Trichlorofluoromethane	1.88	101	99885	50.770	ug/l	96
8) Diethyl Ether	2.10	74	49396	52.161	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	59862	49.485	ug/l	99
10) Methyl Iodide	2.41	142	61623	41.073	ug/l	100
11) Tert butyl alcohol	2.83	59	100533	264.348	ug/l	99
12) 1,1-Dichloroethene	2.28	96	58432	51.319	ug/l	99
13) Acrolein	2.19	56	50790	247.744	ug/l	99
14) Allyl chloride	2.59	41	127701	55.297	ug/l	96
15) Acrylonitrile	2.94	53	262992	274.374	ug/l	99
16) Acetone	2.32	43	228879	260.376	ug/l	98
17) Carbon Disulfide	2.48	76	186677	50.328	ug/l	100
18) Methyl Acetate	2.61	43	132718	56.198	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	236441	56.509	ug/l	100
20) Methylene Chloride	2.70	84	74228	49.953	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	64510	53.066	ug/l	98
22) Diisopropyl ether	3.57	45	293146	59.347	ug/l	97
23) Vinyl Acetate	3.53	43	1254663	297.980	ug/l	98
24) 1,1-Dichloroethane	3.45	63	147266	54.132	ug/l	100
25) 2-Butanone	4.26	43	374529	268.597	ug/l	100
26) 2,2-Dichloropropane	4.23	77	78440	36.971	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	74281	54.106	ug/l	99
28) Bromochloromethane	4.55	49	78312	59.716	ug/l	94
29) Tetrahydrofuran	4.64	42	245142	290.621	ug/l	97
30) Chloroform	4.67	83	133291	52.783	ug/l	100
31) Cyclohexane	5.00	56	136814	55.386	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	109482	54.300	ug/l	99
36) 1,1-Dichloropropene	5.14	75	99496	51.793	ug/l	99
37) Ethyl Acetate	4.38	43	138148	53.122	ug/l	99
38) Carbon Tetrachloride	5.14	117	92860	50.795	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092318\
 Data File : VU027063.D
 Acq On : 23 Sep 2018 10:20
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 105 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/24/2018 4:40:35 PM

Quant Time: Sep 24 07:10:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	114110	54.660	ug/l	98
40) Benzene	5.39	78	299008	51.201	ug/l	100
41) Methacrylonitrile	4.54	41	79121	58.582	ug/l	97
42) 1,2-Dichloroethane	5.40	62	115676	52.427	ug/l	99
43) Isopropyl Acetate	5.55	43	214220	56.483	ug/l	99
44) Trichloroethene	6.19	130	64089	51.549	ug/l	99
45) 1,2-Dichloropropane	6.43	63	89456	53.760	ug/l	97
46) Dibromomethane	6.56	93	51728	51.472	ug/l	98
47) Bromodichloromethane	6.76	83	105193	51.766	ug/l	98
48) Methyl methacrylate	6.62	41	110228	53.330	ug/l	99
49) 1,4-Dioxane	6.61	88	38869	948.043	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	731156	286.641	ug/l	100
52) Toluene	7.64	92	183424	54.795	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	116790	53.492	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	126435	52.668	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	74590	52.587	ug/l	100
56) Ethyl methacrylate	8.02	69	126683	51.410	ug/l	97
57) 1,3-Dichloropropane	8.24	76	140653	53.316	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	356901	255.424	ug/l	98
59) 2-Hexanone	8.36	43	558994	279.960	ug/l	100
60) Dibromochloromethane	8.48	129	74586	53.609	ug/l	100
61) 1,2-Dibromoethane	8.59	107	76067	51.543	ug/l	99
64) Tetrachloroethene	8.23	164	55024	50.592	ug/l	99
65) Chlorobenzene	9.12	112	186882	49.936	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	67472	52.343	ug/l	98
67) Ethyl Benzene	9.25	91	343698	55.849	ug/l	99
68) m/p-Xylenes	9.38	106	255922	102.645	ug/l	99
69) o-Xylene	9.78	106	123073	56.444	ug/l	98
70) Styrene	9.79	104	205827	50.536	ug/l	99
71) Bromoform	9.96	173	53314	53.484	ug/l #	98
73) Isopropylbenzene	10.17	105	334294	56.303	ug/l	99
74) N-amyl acetate	10.01	43	198630	57.795	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	130769	47.903	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	113374m	47.812	ug/l	
77) Bromobenzene	10.45	156	73789	50.857	ug/l	94
78) n-propylbenzene	10.59	91	404297	57.549	ug/l	99
79) 2-Chlorotoluene	10.66	91	237837	53.897	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	279221	56.970	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	33497m	45.207	ug/l	
82) 4-Chlorotoluene	10.77	91	274444	55.466	ug/l	99
83) tert-Butylbenzene	11.10	119	263878	54.457	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	285160	57.170	ug/l	99
85) sec-Butylbenzene	11.32	105	338390	57.209	ug/l	100
86) p-Isopropyltoluene	11.48	119	286552	51.598	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	138567	51.321	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	141733	48.165	ug/l	99
89) n-Butylbenzene	11.89	91	266833	49.614	ug/l	100
90) Hexachloroethane	12.14	117	53995	50.199	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	139217	48.541	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	28541	51.250	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092318\
Data File : VU027063.D
Acq On : 23 Sep 2018 10:20
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 105 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/24/2018 4:40:35 PM

Quant Time: Sep 24 07:10:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	92313	55.854	ug/l	98
94) Hexachlorobutadiene	13.69	225	43048	49.226	ug/l	99
95) Naphthalene	13.74	128	335415	51.841	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	97824	55.193	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092318\
Data File : VU027063.D
Acq On : 23 Sep 2018 10:20
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 105 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleID :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
9/24/2018 4:40:35 PM

Quant Time: Sep 24 07:10:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

