

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110918\
 Data File : VU028053.D
 Acq On : 09 Nov 2018 18:34
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 12:02:23 PM

Quant Time: Nov 12 07:29:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	375429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	689363	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	633673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	297919	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	318537	57.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.14%	
35) Dibromofluoromethane	4.88	113	238125	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
50) Toluene-d8	7.57	98	944186	56.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.46%	
62) 4-Bromofluorobenzene	10.31	95	334547	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	93764	19.655	ug/l	98
3) Chloromethane	1.33	50	144579	25.059	ug/l	99
4) Vinyl Chloride	1.40	62	140338	24.508	ug/l	99
5) Bromomethane	1.61	94	81532	36.447	ug/l	98
6) Chloroethane	1.68	64	82885	25.117	ug/l	99
7) Trichlorofluoromethane	1.88	101	158399	23.938	ug/l	96
8) Diethyl Ether	2.10	74	74411	26.263	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.28	101	101709	25.875	ug/l	98
10) Methyl Iodide	2.41	142	87331	28.196	ug/l	98
11) Tert butyl alcohol	2.84	59	187218	126.699	ug/l	99
12) 1,1-Dichloroethene	2.28	96	96365	24.491	ug/l	97
13) Acrolein	2.20	56	48629	84.982	ug/l	97
14) Allyl chloride	2.59	41	229533	23.868	ug/l	99
15) Acrylonitrile	2.94	53	466010	128.386	ug/l	99
16) Acetone	2.32	43	453206	130.868	ug/l	100
17) Carbon Disulfide	2.48	76	300262	23.347	ug/l	99
18) Methyl Acetate	2.62	43	237940	24.977	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	400101	25.215	ug/l	100
20) Methylene Chloride	2.70	84	125726	24.865	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	108727	23.944	ug/l	99
22) Diisopropyl ether	3.58	45	502839	25.327	ug/l	99
23) Vinyl Acetate	3.53	43	2144366	125.675	ug/l	100
24) 1,1-Dichloroethane	3.45	63	242283	24.500	ug/l	98
25) 2-Butanone	4.26	43	705587	128.068	ug/l	99
26) 2,2-Dichloropropane	4.23	77	179618	24.203	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	135216	26.555	ug/l	99
28) Bromochloromethane	4.55	49	125068	26.977	ug/l	99
29) Tetrahydrofuran	4.64	42	443213	120.475	ug/l	99
30) Chloroform	4.67	83	221907	24.473	ug/l	99
31) Cyclohexane	5.00	56	241090	23.963	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	182585	25.296	ug/l	99
36) 1,1-Dichloropropene	5.14	75	166238	23.025	ug/l	99
37) Ethyl Acetate	4.38	43	247627	23.408	ug/l	99
38) Carbon Tetrachloride	5.13	117	145467	22.735	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110918\
 Data File : VU028053.D
 Acq On : 09 Nov 2018 18:34
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 12:02:23 PM

Quant Time: Nov 12 07:29:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	206215	23.681	ug/l	98
40) Benzene	5.39	78	521869	23.642	ug/l	99
41) Methacrylonitrile	4.54	41	137213	24.304	ug/l	98
42) 1,2-Dichloroethane	5.40	62	184295	23.488	ug/l	99
43) Isopropyl Acetate	5.55	43	388769	23.457	ug/l	99
44) Trichloroethene	6.19	130	113853	23.995	ug/l	99
45) 1,2-Dichloropropane	6.43	63	152035	23.882	ug/l	100
46) Dibromomethane	6.56	93	88860	24.284	ug/l	95
47) Bromodichloromethane	6.76	83	171479	24.317	ug/l	99
48) Methyl methacrylate	6.62	41	202728	24.961	ug/l	99
49) 1,4-Dioxane	6.61	88	72739	548.936	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1315182	118.821	ug/l	99
52) Toluene	7.64	92	309738	23.868	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	198796	23.343	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	215237	24.759	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	127669	24.181	ug/l	95
56) Ethyl methacrylate	8.02	69	230550	24.762	ug/l	100
57) 1,3-Dichloropropane	8.24	76	231823	24.104	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	627969	125.931	ug/l	100
59) 2-Hexanone	8.36	43	1050058	122.659	ug/l	99
60) Dibromochloromethane	8.48	129	125019	25.023	ug/l	99
61) 1,2-Dibromoethane	8.59	107	133601	23.814	ug/l	97
64) Tetrachloroethene	8.23	164	149854	36.471	ug/l	99
65) Chlorobenzene	9.12	112	320807	23.963	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	113414	24.802	ug/l	100
67) Ethyl Benzene	9.25	91	597562	24.249	ug/l	100
68) m/p-Xylenes	9.38	106	435847	48.745	ug/l	98
69) o-Xylene	9.78	106	218301	24.178	ug/l	100
70) Styrene	9.79	104	361853	25.083	ug/l	99
71) Bromoform	9.96	173	96032	25.058	ug/l #	99
73) Isopropylbenzene	10.17	105	583651	25.289	ug/l	100
74) N-amyl acetate	10.01	43	368349	26.394	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	239268	25.701	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	198601m	24.371	ug/l	
77) Bromobenzene	10.45	156	135293	25.565	ug/l	98
78) n-propylbenzene	10.59	91	709840	25.695	ug/l	100
79) 2-Chlorotoluene	10.66	91	417016	25.183	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	493044	25.788	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	79372m	24.454	ug/l	
82) 4-Chlorotoluene	10.77	91	474706	25.251	ug/l	99
83) tert-Butylbenzene	11.10	119	477095	24.961	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	503574	26.157	ug/l	99
85) sec-Butylbenzene	11.32	105	604887	26.022	ug/l	99
86) p-Isopropyltoluene	11.48	119	505181	25.997	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	246780	25.243	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	250118	24.961	ug/l	99
89) n-Butylbenzene	11.89	91	473654	25.648	ug/l	100
90) Hexachloroethane	12.14	117	89352	25.827	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	251631	25.595	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	52247	26.634	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110918\
Data File : VU028053.D
Acq On : 09 Nov 2018 18:34
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
11/12/2018 12:02:23 PM

Quant Time: Nov 12 07:29:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	160699	23.673	ug/l	99
94) Hexachlorobutadiene	13.69	225	78455	25.109	ug/l	98
95) Naphthalene	13.74	128	588592	23.991	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	165758	25.126	ug/l	99

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

