

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110918\
 Data File : VU028033.D
 Acq On : 09 Nov 2018 10:36
 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
 11/12/2018 12:01:43 PM

Quant Time: Nov 12 06:21:11 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	192054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	336805	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	310986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	156645	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	154212	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
35) Dibromofluoromethane	4.88	113	115294	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
50) Toluene-d8	7.57	98	456563	55.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.32%	
62) 4-Bromofluorobenzene	10.31	95	169434	56.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	98625	40.414	ug/l	99
3) Chloromethane	1.33	50	145174	49.188	ug/l	98
4) Vinyl Chloride	1.40	62	143205	48.887	ug/l	100
5) Bromomethane	1.62	94	66562	54.259	ug/l	98
6) Chloroethane	1.69	64	86752	51.390	ug/l	100
7) Trichlorofluoromethane	1.89	101	168395	49.748	ug/l	98
8) Diethyl Ether	2.11	74	75509	52.097	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	101797	50.624	ug/l	100
10) Methyl Iodide	2.41	142	99068	53.078	ug/l	99
11) Tert butyl alcohol	2.82	59	175639	232.354	ug/l	100
12) 1,1-Dichloroethene	2.29	96	96569	47.977	ug/l	97
13) Acrolein	2.20	56	54014	192.699	ug/l	99
14) Allyl chloride	2.59	41	239205	48.624	ug/l	97
15) Acrylonitrile	2.94	53	469204	252.691	ug/l	100
16) Acetone	2.32	43	454139	256.348	ug/l	100
17) Carbon Disulfide	2.48	76	325210	49.431	ug/l	99
18) Methyl Acetate	2.61	43	236244	48.477	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	411326	50.674	ug/l	98
20) Methylene Chloride	2.70	84	126883	49.054	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	111753	48.109	ug/l	97
22) Diisopropyl ether	3.57	45	505980	49.819	ug/l	99
23) Vinyl Acetate	3.52	43	2219721	254.303	ug/l	99
24) 1,1-Dichloroethane	3.45	63	253060	50.023	ug/l	99
25) 2-Butanone	4.26	43	712588	252.833	ug/l	99
26) 2,2-Dichloropropane	4.23	77	201668	53.120	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	135717	52.101	ug/l	99
28) Bromochloromethane	4.55	49	127537	53.776	ug/l	99
29) Tetrahydrofuran	4.64	42	442857	235.316	ug/l	98
30) Chloroform	4.67	83	230621	49.719	ug/l	100
31) Cyclohexane	5.00	56	246949	49.735	ug/l	99
32) 1,1,1-Trichloroethane	4.92	97	189286	51.264	ug/l	100
36) 1,1-Dichloropropene	5.14	75	179040	50.756	ug/l	99
37) Ethyl Acetate	4.38	43	248884	48.154	ug/l	99
38) Carbon Tetrachloride	5.14	117	154282	49.353	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110918\
 Data File : VU028033.D
 Acq On : 09 Nov 2018 10:36
 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
 11/12/2018 12:01:43 PM

Quant Time: Nov 12 06:21:11 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	6.42	83	222611	52.323	ug/l	98
40) Benzene	5.39	78	539035	49.981	ug/l	99
41) Methacrylonitrile	4.54	41	139638	50.625	ug/l	98
42) 1,2-Dichloroethane	5.40	62	189030	49.310	ug/l	99
43) Isopropyl Acetate	5.55	43	401335	49.562	ug/l	99
44) Trichloroethene	6.19	130	118364	51.058	ug/l	100
45) 1,2-Dichloropropane	6.43	63	156546	50.332	ug/l	96
46) Dibromomethane	6.56	93	90045	50.366	ug/l	98
47) Bromodichloromethane	6.76	83	179367	52.061	ug/l	100
48) Methyl methacrylate	6.62	41	202118	50.935	ug/l	99
49) 1,4-Dioxane	6.61	88	67025	1035.286	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	1314436	243.062	ug/l	99
52) Toluene	7.64	92	318192	50.185	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	216516	50.661	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	231999	54.623	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	133062	51.584	ug/l	98
56) Ethyl methacrylate	8.02	69	239029	52.546	ug/l	98
57) 1,3-Dichloropropane	8.24	76	237693	50.585	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	644562	264.563	ug/l	99
59) 2-Hexanone	8.36	43	1045342	249.928	ug/l	99
60) Dibromochloromethane	8.48	129	130784	53.579	ug/l	100
61) 1,2-Dibromoethane	8.59	107	142361	51.939	ug/l	99
64) Tetrachloroethene	8.23	164	103150	51.153	ug/l	99
65) Chlorobenzene	9.12	112	335850	51.116	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	116382	51.859	ug/l	99
67) Ethyl Benzene	9.25	91	630234	52.112	ug/l	99
68) m/p-Xylenes	9.38	106	467787	106.603	ug/l	99
69) o-Xylene	9.78	106	224053	50.564	ug/l	98
70) Styrene	9.79	104	374471	52.891	ug/l	99
71) Bromoform	9.96	173	102471	54.483	ug/l #	99
73) Isopropylbenzene	10.17	105	613996	50.597	ug/l	100
74) N-amyl acetate	10.01	43	370333	50.468	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	235663	48.144	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	204966m	47.837	ug/l	
77) Bromobenzene	10.45	156	141995	51.030	ug/l	99
78) n-propylbenzene	10.59	91	761868	52.450	ug/l	99
79) 2-Chlorotoluene	10.66	91	431229	49.528	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	517216	51.451	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	85370m	49.748	ug/l	
82) 4-Chlorotoluene	10.77	91	507030	51.295	ug/l	98
83) tert-Butylbenzene	11.10	119	496692	49.424	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	529479	52.307	ug/l	99
85) sec-Butylbenzene	11.32	105	641047	52.450	ug/l	100
86) p-Isopropyltoluene	11.48	119	540904	52.940	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	266353	51.817	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	265878	50.465	ug/l	99
89) n-Butylbenzene	11.89	91	542567	55.875	ug/l	100
90) Hexachloroethane	12.15	117	95533	52.518	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	262774	50.834	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53476	51.846	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110918\
Data File : VU028033.D
Acq On : 09 Nov 2018 10:36
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
11/12/2018 12:01:43 PM

Quant Time: Nov 12 06:21:11 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)
93) 1,2,4-Trichlorobenzene	13.50	180	186341	51.382	ug/l	98
94) Hexachlorobutadiene	13.69	225	89375	54.401	ug/l	98
95) Naphthalene	13.74	128	647467	50.391	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	185476	53.472	ug/l	98

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

