

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U121718\
 Data File : VU028736.D
 Acq On : 17 Dec 2018 21:57
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/18/2018 11:31:21 AM

Quant Time: Dec 18 07:29:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	73109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	131246	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	120282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	59472	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	58149	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
35) Dibromofluoromethane	4.88	113	43698	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	7.56	98	168088	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	10.30	95	60961	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	50205	51.234	ug/l 99
3) Chloromethane	1.33	50	87227	48.417	ug/l 98
4) Vinyl Chloride	1.40	62	66053	50.805	ug/l 99
5) Bromomethane	1.60	94	34030	64.977	ug/l 96
6) Chloroethane	1.68	64	37898	51.489	ug/l 98
7) Trichlorofluoromethane	1.87	101	70052	51.212	ug/l 99
8) Diethyl Ether	2.10	74	31354	48.993	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.28	101	41969	51.301	ug/l 99
10) Methyl Iodide	2.40	142	44536	69.380	ug/l 99
11) Tert butyl alcohol	2.83	59	66080	265.839	ug/l 99
12) 1,1-Dichloroethene	2.28	96	40568	49.839	ug/l 96
13) Acrolein	2.19	56	69457	350.512	ug/l 99
14) Allyl chloride	2.59	41	108418	56.303	ug/l 91
15) Acrylonitrile	2.93	53	190154	275.540	ug/l 99
16) Acetone	2.32	43	152188	209.038	ug/l 99
17) Carbon Disulfide	2.47	76	139940	47.722	ug/l 99
18) Methyl Acetate	2.61	43	115978	61.453	ug/l 97
19) Methyl tert-butyl Ether	3.00	73	164121	53.187	ug/l 100
20) Methylene Chloride	2.70	84	52108	48.552	ug/l 96
21) trans-1,2-Dichloroethene	2.98	96	45524	49.673	ug/l 97
22) Diisopropyl ether	3.57	45	207455	55.400	ug/l 98
23) Vinyl Acetate	3.52	43	836347	270.771	ug/l 99
24) 1,1-Dichloroethane	3.44	63	103578	52.841	ug/l 100
25) 2-Butanone	4.26	43	262022	263.355	ug/l 98
26) 2,2-Dichloropropane	4.22	77	73291	47.188	ug/l 100
27) cis-1,2-Dichloroethene	4.22	96	53292	51.375	ug/l 99
28) Bromochloromethane	4.55	49	50932	57.156	ug/l 97
29) Tetrahydrofuran	4.64	42	178784	279.792	ug/l 98
30) Chloroform	4.67	83	91464	53.537	ug/l 99
31) Cyclohexane	4.99	56	98141	51.338	ug/l 99
32) 1,1,1-Trichloroethane	4.91	97	75395	53.136	ug/l 99
36) 1,1-Dichloropropene	5.13	75	70735	49.251	ug/l 99
37) Ethyl Acetate	4.38	43	97871	52.715	ug/l 99
38) Carbon Tetrachloride	5.13	117	59481	51.384	ug/l 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U121718\
 Data File : VU028736.D
 Acq On : 17 Dec 2018 21:57
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/18/2018 11:31:21 AM

Quant Time: Dec 18 07:29:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	84075	47.984	ug/l	99
40) Benzene	5.39	78	218589	51.677	ug/l	98
41) Methacrylonitrile	4.54	41	56362	55.433	ug/l	97
42) 1,2-Dichloroethane	5.40	62	76936	51.961	ug/l	98
43) Isopropyl Acetate	5.55	43	159395	54.279	ug/l	98
44) Trichloroethene	6.18	130	47148	50.130	ug/l	98
45) 1,2-Dichloropropane	6.43	63	64452	54.184	ug/l	96
46) Dibromomethane	6.56	93	37259	52.792	ug/l	99
47) Bromodichloromethane	6.76	83	71729	52.228	ug/l	98
48) Methyl methacrylate	6.62	41	79441	54.398	ug/l	99
49) 1,4-Dioxane	6.61	88	25085	1087.877	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	510054	275.388	ug/l	99
52) Toluene	7.64	92	126208	50.698	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	84703	51.785	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	90474	50.983	ug/l	99
55) 1,1,2-Trichloroethane	8.06	97	51466	52.300	ug/l	97
56) Ethyl methacrylate	8.02	69	89828	53.306	ug/l	98
57) 1,3-Dichloropropane	8.24	76	96971	53.086	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.12	63	234804	272.038	ug/l	99
59) 2-Hexanone	8.36	43	390240	265.830	ug/l	100
60) Dibromochloromethane	8.48	129	50514	52.431	ug/l	100
61) 1,2-Dibromoethane	8.58	107	55051	53.348	ug/l	99
64) Tetrachloroethene	8.22	164	39177	48.830	ug/l	95
65) Chlorobenzene	9.12	112	131259	51.211	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	45888	56.065	ug/l	99
67) Ethyl Benzene	9.25	91	244188	51.825	ug/l	98
68) m/p-Xylenes	9.37	106	179099	104.462	ug/l	98
69) o-Xylene	9.78	106	87345	52.423	ug/l	99
70) Styrene	9.79	104	145930	52.924	ug/l	100
71) Bromoform	9.96	173	39789	57.146	ug/l #	100
73) Isopropylbenzene	10.17	105	232208	50.884	ug/l	99
74) N-amyl acetate	10.01	43	142897	54.285	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	98224	56.031	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	83564m	55.026	ug/l	
77) Bromobenzene	10.45	156	55568	52.065	ug/l	99
78) n-propylbenzene	10.58	91	287561	50.711	ug/l	100
79) 2-Chlorotoluene	10.66	91	172385	52.776	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	197887	52.385	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	34706m	56.125	ug/l	
82) 4-Chlorotoluene	10.77	91	195057	50.393	ug/l	99
83) tert-Butylbenzene	11.10	119	191153	52.500	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	202339	51.974	ug/l	100
85) sec-Butylbenzene	11.32	105	242013	51.740	ug/l	100
86) p-Isopropyltoluene	11.48	119	201408	50.689	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	101778	50.502	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	102381	49.102	ug/l	99
89) n-Butylbenzene	11.89	91	197385	49.085	ug/l	100
90) Hexachloroethane	12.14	117	32601	54.284	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	103409	51.297	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	21311	56.151	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
Data File : VU028736.D
Acq On : 17 Dec 2018 21:57
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
12/18/2018 11:31:21 AM

Quant Time: Dec 18 07:29:52 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	66959	48.366	ug/l	99
94) Hexachlorobutadiene	13.69	225	31135	47.150	ug/l	96
95) Naphthalene	13.74	128	233866	48.346	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	68714	49.841	ug/l	99

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

