

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\
 Data File : VU028496.D
 Acq On : 06 Dec 2018 12:56
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:35:01 AM

Quant Time: Dec 07 00:26:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	108244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	191022	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	181808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	92706	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	168740	102.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	204.30%	
35) Dibromofluoromethane	4.88	113	124172	103.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	206.58%	
50) Toluene-d8	7.57	98	498967	104.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	209.86%	
62) 4-Bromofluorobenzene	10.30	95	186086	104.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	209.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	146006	100.634	ug/l	99
3) Chloromethane	1.33	50	259397	97.248	ug/l	99
4) Vinyl Chloride	1.40	62	193543	100.544	ug/l	99
5) Bromomethane	1.61	94	67231	86.703	ug/l	97
6) Chloroethane	1.69	64	109440	100.425	ug/l	99
7) Trichlorofluoromethane	1.88	101	200835	99.165	ug/l	98
8) Diethyl Ether	2.10	74	91118	96.163	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	119687	98.813	ug/l	98
10) Methyl Iodide	2.41	142	101191	106.471	ug/l	98
11) Tert butyl alcohol	2.83	59	176165	478.669	ug/l	100
12) 1,1-Dichloroethene	2.28	96	119427	99.096	ug/l	98
13) Acrolein	2.19	56	147079	501.307	ug/l	100
14) Allyl chloride	2.59	41	270323	94.816	ug/l	98
15) Acrylonitrile	2.94	53	510615	499.736	ug/l	100
16) Acetone	2.32	43	477560	443.037	ug/l	99
17) Carbon Disulfide	2.48	76	419968	96.730	ug/l	100
18) Methyl Acetate	2.61	43	280222	100.285	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	452618	99.070	ug/l	99
20) Methylene Chloride	2.70	84	149443	94.047	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	133750	98.569	ug/l	97
22) Diisopropyl ether	3.57	45	554911	100.087	ug/l	97
23) Vinyl Acetate	3.52	43	2345915	512.973	ug/l	100
24) 1,1-Dichloroethane	3.45	63	282584	97.368	ug/l	99
25) 2-Butanone	4.26	43	729066	494.923	ug/l	100
26) 2,2-Dichloropropane	4.23	77	224950	97.822	ug/l	100
27) cis-1,2-Dichloroethene	4.22	96	151712	98.782	ug/l	100
28) Bromochloromethane	4.55	49	129153	97.892	ug/l	100
29) Tetrahydrofuran	4.64	42	476132	503.270	ug/l	99
30) Chloroform	4.67	83	251504	99.430	ug/l	97
31) Cyclohexane	4.99	56	280948	82.523	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	208808	99.395	ug/l	99
36) 1,1-Dichloropropene	5.13	75	202792	97.015	ug/l	99
37) Ethyl Acetate	4.38	43	271854	100.606	ug/l	99
38) Carbon Tetrachloride	5.13	117	166287	98.698	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120618\
 Data File : VU028496.D
 Acq On : 06 Dec 2018 12:56
 Operator : MD/SY
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 10:35:01 AM

Quant Time: Dec 07 00:26:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.41	83	251252	98.524	ug/l	99
40) Benzene	5.39	78	605423	98.339	ug/l	99
41) Methacrylonitrile	4.54	41	154344	104.298	ug/l	97
42) 1,2-Dichloroethane	5.40	62	211625	98.202	ug/l	99
43) Isopropyl Acetate	5.55	43	432544	101.203	ug/l	99
44) Trichloroethene	6.19	130	134463	98.228	ug/l	98
45) 1,2-Dichloropropane	6.43	63	172104	99.410	ug/l	97
46) Dibromomethane	6.56	93	101689	98.996	ug/l	98
47) Bromodichloromethane	6.76	83	197740	98.926	ug/l	100
48) Methyl methacrylate	6.62	41	219048	103.058	ug/l	99
49) 1,4-Dioxane	6.61	88	63705	1898.201	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	1359773	504.427	ug/l	100
52) Toluene	7.64	92	367521	101.435	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	245514	103.130	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	261905	101.403	ug/l	100
55) 1,1,2-Trichloroethane	8.06	97	141586	98.857	ug/l	96
56) Ethyl methacrylate	8.02	69	256990	104.782	ug/l	100
57) 1,3-Dichloropropane	8.24	76	263848	99.241	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.13	63	664013	528.572	ug/l	100
59) 2-Hexanone	8.36	43	1072265	501.853	ug/l	99
60) Dibromochloromethane	8.48	129	139542	99.514	ug/l	100
61) 1,2-Dibromoethane	8.58	107	153845	102.432	ug/l	99
64) Tetrachloroethene	8.23	164	114781	94.649	ug/l	98
65) Chlorobenzene	9.12	112	380214	98.141	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	127520	103.076	ug/l	99
67) Ethyl Benzene	9.25	91	713457	100.178	ug/l	99
68) m/p-Xylenes	9.38	106	522893	201.774	ug/l	100
69) o-Xylene	9.78	106	252764	100.367	ug/l	100
70) Styrene	9.79	104	425927	102.196	ug/l	100
71) Bromoform	9.96	173	109756	104.289	ug/l #	99
73) Isopropylbenzene	10.17	105	671819	94.441	ug/l	100
74) N-amyl acetate	10.01	43	401962	97.959	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	263841	96.551	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	216152m	80.819	ug/l	
77) Bromobenzene	10.45	156	159103	95.632	ug/l	100
78) n-propylbenzene	10.59	91	852583	96.453	ug/l	99
79) 2-Chlorotoluene	10.66	91	485886	95.427	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	575929	97.806	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	105280m	79.594	ug/l	
82) 4-Chlorotoluene	10.77	91	577308	95.680	ug/l	100
83) tert-Butylbenzene	11.10	119	548084	96.567	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	591449	97.461	ug/l	100
85) sec-Butylbenzene	11.32	105	707603	97.046	ug/l	100
86) p-Isopropyltoluene	11.48	119	600722	96.988	ug/l	99
87) 1,3-Dichlorobenzene	11.41	146	298005	94.860	ug/l	100
88) 1,4-Dichlorobenzene	11.50	146	304485	93.680	ug/l	99
89) n-Butylbenzene	11.89	91	627958	100.178	ug/l	99
90) Hexachloroethane	12.14	117	95743	102.270	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	297155	94.563	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	60663	102.538	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120618\
Data File : VU028496.D
Acq On : 06 Dec 2018 12:56
Operator : MD/SY
Sample : VSTDICC100
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
12/7/2018 10:35:01 AM

Quant Time: Dec 07 00:26:01 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:10:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	217053	96.343	ug/l	99
94) Hexachlorobutadiene	13.69	225	96201	93.459	ug/l	97
95) Naphthalene	13.74	128	737739	97.837	ug/l	100
96) 1,2,3-Trichlorobenzene	13.98	180	214517	94.644	ug/l	99

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

