

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052736.D
 Acq On : 19 Jan 2023 13:45
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 00:35:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 00:33:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.369	168	207266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	336823	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	315756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	165589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	61472	18.904	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	37.800%#		
35) Dibromofluoromethane	5.285	113	46782	20.095	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.200%#		
50) Toluene-d8	7.893	98	173254	19.492	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	38.980%#		
62) 4-Bromofluorobenzene	10.629	95	61275	19.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.040%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	46829	18.343	ug/l	99
3) Chloromethane	1.520	50	48516	13.510	ug/l	98
4) Vinyl Chloride	1.604	62	48403	15.389	ug/l	99
5) Bromomethane	1.858	94	23602	13.243	ug/l	99
6) Chloroethane	1.932	64	30629	16.087	ug/l	99
7) Trichlorofluoromethane	2.134	101	76703	18.916	ug/l	98
8) Diethyl Ether	2.372	74	28088	17.107	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	44908	18.671	ug/l	96
10) Methyl Iodide	2.719	142	32770	13.555	ug/l	100
11) Tert butyl alcohol	3.272	59	52733m	82.864	ug/l	
12) 1,1-Dichloroethene	2.578	96	43305	18.266	ug/l	98
13) Acrolein	2.488	56	46379	63.045	ug/l	96
14) Allyl chloride	2.922	41	69819	15.279	ug/l	99
15) Acrylonitrile	3.314	53	139353	81.948	ug/l	99
16) Acetone	2.636	43	139205	84.288	ug/l	100
17) Carbon Disulfide	2.790	76	127667	17.135	ug/l	98
18) Methyl Acetate	2.948	43	78140	16.326	ug/l	99
19) Methyl tert-butyl Ether	3.356	73	146605	17.851	ug/l	99
20) Methylene Chloride	3.044	84	53665	15.292	ug/l	99
21) trans-1,2-Dichloroethene	3.350	96	46808	18.224	ug/l	99
22) Diisopropyl ether	3.986	45	149055	16.899	ug/l	96
23) Vinyl Acetate	3.951	43	555680	81.004	ug/l	99
24) 1,1-Dichloroethane	3.864	63	91992	17.550	ug/l	99
25) 2-Butanone	4.703	43	184123	81.538	ug/l	98
26) 2,2-Dichloropropane	4.658	77	73695	17.870	ug/l	100
27) cis-1,2-Dichloroethene	4.661	96	52735	17.902	ug/l	99
28) Bromochloromethane	4.970	49	38298	16.078	ug/l	98
29) Tetrahydrofuran	5.050	42	109335	80.144	ug/l	99
30) Chloroform	5.083	83	94716	17.572	ug/l	98
31) Cyclohexane	5.385	56	82834	16.924	ug/l	98
32) 1,1,1-Trichloroethane	5.311	97	80436	18.939	ug/l	99
36) 1,1-Dichloropropene	5.523	75	66538	18.542	ug/l	99
37) Ethyl Acetate	4.800	43	69222	15.326	ug/l	99
38) Carbon Tetrachloride	5.520	117	69317	20.457	ug/l	97
39) Methylcyclohexane	6.761	83	76356	18.487	ug/l	99
40) Benzene	5.771	78	200721	18.858	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
 Data File : VU052736.D
 Acq On : 19 Jan 2023 13:45
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2023
 Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 00:35:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 20 00:33:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	36059	17.140	ug/l	100
42) 1,2-Dichloroethane	5.790	62	73422	19.131	ug/l	99
43) Isopropyl Acetate	5.906	43	100510	17.003	ug/l	98
44) Trichloroethene	6.536	130	49569	19.540	ug/l	100
45) 1,2-Dichloropropane	6.787	63	51504	17.665	ug/l	98
46) Dibromomethane	6.915	93	34824	18.721	ug/l	99
47) Bromodichloromethane	7.099	83	71917	18.922	ug/l	96
48) Methyl methacrylate	6.957	41	45610	16.577	ug/l	100
49) 1,4-Dioxane	7.025	88	20264	386.580	ug/l	94
51) 4-Methyl-2-Pentanone	7.787	43	337078	87.491	ug/l	99
52) Toluene	7.967	92	125160	19.921	ug/l	100
53) t-1,3-Dichloropropene	8.205	75	73818	18.430	ug/l	98
54) cis-1,3-Dichloropropene	7.603	75	78908	18.194	ug/l	97
55) 1,1,2-Trichloroethane	8.394	97	50512	19.401	ug/l	99
56) Ethyl methacrylate	8.330	69	68794	18.114	ug/l	100
57) 1,3-Dichloropropane	8.571	76	88144	19.141	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.459	63	7526	55.708	ug/l	100
59) 2-Hexanone	8.684	43	262566	89.067	ug/l	99
60) Dibromochloromethane	8.806	129	53916	19.829	ug/l	99
61) 1,2-Dibromoethane	8.918	107	54398	20.601	ug/l	96
64) Tetrachloroethene	8.549	164	42033	20.472	ug/l	95
65) Chlorobenzene	9.443	112	128546	19.233	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.529	131	48576	20.005	ug/l	98
67) Ethyl Benzene	9.565	91	219600	19.043	ug/l	100
68) m/p-Xylenes	9.690	106	177017	40.549	ug/l	99
69) o-Xylene	10.095	106	84241	20.272	ug/l	96
70) Styrene	10.111	104	138205	19.860	ug/l	100
71) Bromoform	10.288	173	40586	19.784	ug/l #	98
73) Isopropylbenzene	10.481	105	219283	19.526	ug/l	100
74) N-amyl acetate	10.317	43	80430	16.040	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.777	83	82758	17.562	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	87665	17.038	ug/l	98
77) Bromobenzene	10.777	156	54040	19.165	ug/l	99
78) n-propylbenzene	10.902	91	259183	19.074	ug/l	99
79) 2-Chlorotoluene	10.979	91	158622	19.029	ug/l	99
80) 1,3,5-Trimethylbenzene	11.082	105	186455	19.696	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.542	75	21667	16.269	ug/l	96
82) 4-Chlorotoluene	11.092	91	184832	19.521	ug/l	99
83) tert-Butylbenzene	11.417	119	181014	19.175	ug/l	99
84) 1,2,4-Trimethylbenzene	11.462	105	187055	20.055	ug/l	100
85) sec-Butylbenzene	11.639	105	230462	19.418	ug/l	100
86) p-Isopropyltoluene	11.790	119	193998	19.918	ug/l	99
87) 1,3-Dichlorobenzene	11.741	146	105434	19.387	ug/l	100
88) 1,4-Dichlorobenzene	11.832	146	104475	18.832	ug/l	99
89) n-Butylbenzene	12.204	91	155759	17.737	ug/l	99
90) Hexachloroethane	12.468	117	34614	18.224	ug/l	99
91) 1,2-Dichlorobenzene	12.208	146	104387	19.378	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	16922	16.816	ug/l	100
93) 1,2,4-Trichlorobenzene	13.835	180	58654	18.570	ug/l	100
94) Hexachlorobutadiene	14.015	225	32451	19.317	ug/l	99
95) Naphthalene	14.082	128	168407	17.863	ug/l	99
96) 1,2,3-Trichlorobenzene	14.323	180	59629	18.811	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
Data File : VU052736.D
Acq On : 19 Jan 2023 13:45
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 00:35:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 20 00:33:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011923\
Data File : VU052736.D
Acq On : 19 Jan 2023 13:45
Operator : JC/MD
Sample : VSTDIC020
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/20/2023
Supervised By : Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 00:35:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011923W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 20 00:33:41 2023
Response via : Initial Calibration

