

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052665.D
 Acq On : 12 Jan 2023 14:50
 Operator : JC/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 13 02:03:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 13 02:01:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	217700	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.247	114	386021	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	354896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	160433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	179319	51.556	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.120%			
35) Dibromofluoromethane	5.285	113	133035	50.034	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.060%			
50) Toluene-d8	7.893	98	489681	47.971	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.940%			
62) 4-Bromofluorobenzene	10.629	95	164488	44.463	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	6950	2.533	ug/l	98
3) Chloromethane	1.520	50	10900	2.729	ug/l	97
4) Vinyl Chloride	1.604	62	8152	2.370	ug/l	96
5) Bromomethane	1.858	94	5235	2.618	ug/l	97
6) Chloroethane	1.935	64	5123	2.483	ug/l	95
7) Trichlorofluoromethane	2.134	101	11061	2.562	ug/l	99
8) Diethyl Ether	2.375	74	4495	2.533	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.578	101	6185	2.396	ug/l	96
10) Methyl Iodide	2.723	142	7163	2.678	ug/l	93
11) Tert butyl alcohol	3.253	59	9261m	13.570	ug/l	
12) 1,1-Dichloroethene	2.578	96	6686	2.629	ug/l	91
13) Acrolein	2.488	56	10905	13.235	ug/l	99
14) Allyl chloride	2.922	41	13711	2.738	ug/l #	80
15) Acrylonitrile	3.317	53	22568	12.292	ug/l	99
16) Acetone	2.642	43	22990	12.889	ug/l	96
17) Carbon Disulfide	2.790	76	19400	2.408	ug/l	97
18) Methyl Acetate	2.951	43	12936	2.488	ug/l #	89
19) Methyl tert-butyl Ether	3.362	73	22887	2.603	ug/l	93
20) Methylene Chloride	3.047	84	8388	2.233	ug/l #	90
21) trans-1,2-Dichloroethene	3.353	96	7066	2.568	ug/l	99
22) Diisopropyl ether	3.983	45	22818	2.370	ug/l #	76
23) Vinyl Acetate	3.957	43	84409	11.255	ug/l	95
24) 1,1-Dichloroethane	3.867	63	14449	2.551	ug/l	97
25) 2-Butanone	4.716	43	27860	11.376	ug/l	89
26) 2,2-Dichloropropane	4.665	77	10927	2.475	ug/l	94
27) cis-1,2-Dichloroethene	4.665	96	7755	2.468	ug/l	87
28) Bromochloromethane	4.970	49	6363	2.443	ug/l #	74
29) Tetrahydrofuran	5.060	42	17753	11.952	ug/l	87
30) Chloroform	5.083	83	15381	2.670	ug/l	93
31) Cyclohexane	5.382	56	17327	3.229	ug/l #	87
32) 1,1,1-Trichloroethane	5.311	97	11655	2.584	ug/l	88
36) 1,1-Dichloropropene	5.523	75	9340	2.232	ug/l	98
37) Ethyl Acetate	4.809	43	12403m	2.339	ug/l	
38) Carbon Tetrachloride	5.517	117	9337	2.406	ug/l	99
39) Methylcyclohexane	6.758	83	10968	2.279	ug/l	93
40) Benzene	5.771	78	30185	2.441	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052665.D
 Acq On : 12 Jan 2023 14:50
 Operator : JC/MD
 Sample : MDL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 13 02:03:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 13 02:01:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	5353	2.152	ug/l	91
42) 1,2-Dichloroethane	5.793	62	11656	2.621	ug/l	99
43) Isopropyl Acetate	5.909	43	16903	2.429	ug/l #	92
44) Trichloroethene	6.539	130	6971	2.385	ug/l	87
45) 1,2-Dichloropropane	6.783	63	8262	2.413	ug/l	96
46) Dibromomethane	6.915	93	5204	2.422	ug/l	90
47) Bromodichloromethane	7.102	83	10744	2.438	ug/l	95
48) Methyl methacrylate	6.957	41	6810	2.107	ug/l	90
49) 1,4-Dioxane	7.034	88	3106m	50.588	ug/l	
51) 4-Methyl-2-Pentanone	7.790	43	49060	10.789	ug/l	95
52) Toluene	7.967	92	18184	2.500	ug/l	99
53) t-1,3-Dichloropropene	8.208	75	10560	2.271	ug/l	97
54) cis-1,3-Dichloropropene	7.603	75	11213	2.214	ug/l	95
55) 1,1,2-Trichloroethane	8.394	97	7620	2.540	ug/l	95
56) Ethyl methacrylate	8.330	69	9537	2.155	ug/l	91
57) 1,3-Dichloropropane	8.571	76	13096	2.444	ug/l	98
59) 2-Hexanone	8.684	43	37123	10.681	ug/l	90
60) Dibromochloromethane	8.806	129	7155	2.296	ug/l	99
61) 1,2-Dibromoethane	8.918	107	7178	2.360	ug/l	97
64) Tetrachloroethene	8.549	164	5720	2.484	ug/l	92
65) Chlorobenzene	9.443	112	18529	2.450	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.529	131	6787	2.484	ug/l	97
67) Ethyl Benzene	9.568	91	29179	2.226	ug/l	98
68) m/p-Xylenes	9.690	106	21717	4.398	ug/l	93
69) o-Xylene	10.095	106	10064	2.141	ug/l	89
70) Styrene	10.111	104	16180	2.053	ug/l	98
71) Bromoform	10.288	173	5074	2.214	ug/l #	98
73) Isopropylbenzene	10.481	105	25363	2.310	ug/l	100
74) N-amyl acetate	10.317	43	10891	2.170	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.777	83	12507	2.700	ug/l	95
76) 1,2,3-Trichloropropane	10.822	75	12751	2.510	ug/l	100
77) Bromobenzene	10.777	156	6951	2.544	ug/l	76
78) n-propylbenzene	10.902	91	32397	2.425	ug/l	93
79) 2-Chlorotoluene	10.983	91	20775	2.543	ug/l	92
80) 1,3,5-Trimethylbenzene	11.082	105	21934	2.373	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.542	75	2711	2.037	ug/l	90
82) 4-Chlorotoluene	11.092	91	21895	2.350	ug/l	93
83) tert-Butylbenzene	11.417	119	21969	2.385	ug/l	96
84) 1,2,4-Trimethylbenzene	11.465	105	19457	2.135	ug/l	99
85) sec-Butylbenzene	11.639	105	25417	2.188	ug/l	97
86) p-Isopropyltoluene	11.787	119	20585	2.163	ug/l	93
87) 1,3-Dichlorobenzene	11.741	146	12855	2.440	ug/l	95
88) 1,4-Dichlorobenzene	11.832	146	14022	2.593	ug/l	88
89) n-Butylbenzene	12.204	91	17404	2.009	ug/l	98
90) Hexachloroethane	12.471	117	4858	2.603	ug/l	84
91) 1,2-Dichlorobenzene	12.211	146	12684	2.423	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.989	75	2560	2.586	ug/l	67
93) 1,2,4-Trichlorobenzene	13.838	180	6335	2.061	ug/l	97
94) Hexachlorobutadiene	14.015	225	3873	2.390	ug/l	90
95) Naphthalene	14.082	128	18228	1.980	ug/l	98
96) 1,2,3-Trichlorobenzene	14.327	180	6703	2.182	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
Data File : VU052665.D
Acq On : 12 Jan 2023 14:50
Operator : JC/MD
Sample : MDL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 13 02:03:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 13 02:01:27 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\VU011223\
Data File : VU052665.D
Acq On : 12 Jan 2023 14:50
Operator : JC/MD
Sample : MDL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Quant Time: Jan 13 02:03:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 13 02:01:27 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

