

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052661.D
 Acq On : 12 Jan 2023 12:53
 Operator : JC/MD
 Sample : VU0112WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 13 01:44:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 13 01:24:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.369	168	225692	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.243	114	394845	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.414	117	366857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	182190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.697	65	178705	49.560	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.120%		
35) Dibromofluoromethane	5.285	113	134370	49.407	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.820%		
50) Toluene-d8	7.893	98	518834	49.691	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.380%		
62) 4-Bromofluorobenzene	10.629	95	184153	48.666	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	56091	19.722	ug/l	97
3) Chloromethane	1.520	50	73591	18.778	ug/l	99
4) Vinyl Chloride	1.604	62	67357	18.892	ug/l	100
5) Bromomethane	1.858	94	39579	19.090	ug/l	95
6) Chloroethane	1.935	64	39855	18.632	ug/l	97
7) Trichlorofluoromethane	2.137	101	85497	19.098	ug/l	98
8) Diethyl Ether	2.375	74	35448	19.269	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.581	101	50474	18.861	ug/l	93
10) Methyl Iodide	2.723	142	57562	20.762	ug/l	93
11) Tert butyl alcohol	3.244	59	78104m	110.393	ug/l	
12) 1,1-Dichloroethene	2.578	96	50495	19.154	ug/l	90
13) Acrolein	2.488	56	79437	92.994	ug/l	98
14) Allyl chloride	2.922	41	101983	19.642	ug/l #	88
15) Acrylonitrile	3.314	53	196668	103.325	ug/l	99
16) Acetone	2.636	43	160064	86.563	ug/l	99
17) Carbon Disulfide	2.793	76	158103	18.926	ug/l	99
18) Methyl Acetate	2.948	43	112050	20.792	ug/l	90
19) Methyl tert-butyl Ether	3.359	73	182087	19.976	ug/l	96
20) Methylene Chloride	3.044	84	67823	20.159	ug/l	91
21) trans-1,2-Dichloroethene	3.350	96	56487	19.799	ug/l	89
22) Diisopropyl ether	3.986	45	206624	20.701	ug/l #	79
23) Vinyl Acetate	3.951	43	789705	101.572	ug/l	96
24) 1,1-Dichloroethane	3.864	63	114386	19.480	ug/l	98
25) 2-Butanone	4.703	43	251721	99.146	ug/l	94
26) 2,2-Dichloropropane	4.658	77	88917	19.427	ug/l	97
27) cis-1,2-Dichloroethene	4.661	96	61290	18.813	ug/l	85
28) Bromochloromethane	4.970	49	52741	19.533	ug/l #	72
29) Tetrahydrofuran	5.054	42	165612	107.551	ug/l	87
30) Chloroform	5.083	83	111213	18.622	ug/l	96
31) Cyclohexane	5.385	56	108339	19.477	ug/l	92
32) 1,1,1-Trichloroethane	5.311	97	91115	19.488	ug/l	98
36) 1,1-Dichloropropene	5.523	75	81249	18.984	ug/l	96
37) Ethyl Acetate	4.800	43	99701	18.383	ug/l	96
38) Carbon Tetrachloride	5.520	117	75063	18.912	ug/l	99
39) Methylcyclohexane	6.761	83	91818	18.648	ug/l #	88
40) Benzene	5.771	78	252306	19.948	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
 Data File : VU052661.D
 Acq On : 12 Jan 2023 12:53
 Operator : JC/MD
 Sample : VU0112WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0112WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jan 13 01:44:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 13 01:24:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.970	41	51757	20.338	ug/l #	89
42) 1,2-Dichloroethane	5.790	62	89377	19.652	ug/l	99
43) Isopropyl Acetate	5.906	43	142665	20.044	ug/l	97
44) Trichloroethene	6.539	130	56287	18.831	ug/l	87
45) 1,2-Dichloropropane	6.787	63	67460	19.261	ug/l	99
46) Dibromomethane	6.915	93	43513	19.797	ug/l	88
47) Bromodichloromethane	7.102	83	86233	19.130	ug/l	99
48) Methyl methacrylate	6.957	41	65910	19.932	ug/l	88
49) 1,4-Dioxane	7.015	88	28315	450.865	ug/l #	1
51) 4-Methyl-2-Pentanone	7.787	43	478235	102.819	ug/l	96
52) Toluene	7.964	92	149731	20.129	ug/l	98
53) t-1,3-Dichloropropene	8.205	75	92072	19.354	ug/l	98
54) cis-1,3-Dichloropropene	7.603	75	100491	19.399	ug/l	98
55) 1,1,2-Trichloroethane	8.394	97	59450	19.371	ug/l	97
56) Ethyl methacrylate	8.330	69	92204	19.047	ug/l	93
57) 1,3-Dichloropropane	8.571	76	107435	19.601	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.459	63	12814	87.402	ug/l	92
59) 2-Hexanone	8.681	43	366577	103.110	ug/l	96
60) Dibromochloromethane	8.806	129	62291	19.539	ug/l	96
61) 1,2-Dibromoethane	8.919	107	62963	20.238	ug/l	97
64) Tetrachloroethene	8.549	164	46980	19.735	ug/l	97
65) Chlorobenzene	9.443	112	150953	19.313	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.529	131	55714	19.724	ug/l	98
67) Ethyl Benzene	9.565	91	268496	19.811	ug/l	96
68) m/p-Xylenes	9.690	106	209057	40.955	ug/l	95
69) o-Xylene	10.095	106	99139	20.403	ug/l	91
70) Styrene	10.108	104	168289	19.167	ug/l	97
71) Bromoform	10.285	173	44929	18.964	ug/l #	98
73) Isopropylbenzene	10.478	105	261943	21.006	ug/l	98
74) N-amyl acetate	10.317	43	113693	19.951	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.777	83	103281	19.631	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	113436	19.660	ug/l	97
77) Bromobenzene	10.777	156	61801	19.916	ug/l	78
78) n-propylbenzene	10.899	91	318094	20.969	ug/l	96
79) 2-Chlorotoluene	10.980	91	191798	20.674	ug/l	93
80) 1,3,5-Trimethylbenzene	11.082	105	219907	20.950	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.539	75	28630	18.943	ug/l	92
82) 4-Chlorotoluene	11.092	91	217816	20.584	ug/l	94
83) tert-Butylbenzene	11.417	119	213730	20.429	ug/l	96
84) 1,2,4-Trimethylbenzene	11.462	105	217727	21.041	ug/l	98
85) sec-Butylbenzene	11.639	105	274078	20.774	ug/l	97
86) p-Isopropyltoluene	11.790	119	226500	19.532	ug/l	96
87) 1,3-Dichlorobenzene	11.738	146	116349	19.444	ug/l	96
88) 1,4-Dichlorobenzene	11.832	146	121425	19.776	ug/l	97
89) n-Butylbenzene	12.205	91	191129	18.666	ug/l	98
90) Hexachloroethane	12.471	117	40798	19.249	ug/l	80
91) 1,2-Dichlorobenzene	12.208	146	118079	19.861	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.989	75	22519	20.031	ug/l	78
93) 1,2,4-Trichlorobenzene	13.835	180	67083	19.214	ug/l	98
94) Hexachlorobutadiene	14.015	225	34405	18.697	ug/l	97
95) Naphthalene	14.082	128	214299	19.367	ug/l	100
96) 1,2,3-Trichlorobenzene	14.323	180	69978	20.058	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011223\
Data File : VU052661.D
Acq On : 12 Jan 2023 12:53
Operator : JC/MD
Sample : VU0112WBSD01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0112WBSD01

Manual Integrations
APPROVED

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

Quant Time: Jan 13 01:44:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U011123W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 13 01:24:13 2023
Response via : Initial Calibration

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

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

