Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010721\
Data File : VU041861.D
Acq On : 06 Jan 2021 14:04
Operator : SY/MD
Sample : L5214-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL-WATER-QT1-2021-02

Manual Integrations APPROVED
MMDadoda
1/7/2021 4:14:14 PM

Quant Time: Jan 07 01:25:25 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR122820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 07 01:18:48 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	143738	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	144676	5.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	69894	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.60	65	47597	4.18	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.60%				
7) Chloroethane-d5	1.92	69	47742	4.44	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.80%				
11) 1,1-Dichloroethene-d2	2.57	65	22641	3.99	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 79.80%				
20) 2-Butanone-d5	4.66	46	146249	45.45	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.90%				
24) Chloroform-d	5.08	84	96630	4.61	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.20%				
26) 1,2-Dichloroethane-d4	5.71	65	53717	4.62	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.40%				
32) Benzene-d6	5.74	84	183625	4.41	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%				
36) 1,2-Dichloropropane-d6	6.70	67	57547	4.48	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.60%				
41) Toluene-d8	7.90	98	155922	4.03	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.60%				
43) trans-1,3-Dichloropropene-	8.18	79	23315	4.29	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.80%				
46) 2-Hexanone-d5	8.64	63	130162	44.87	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.74%				
56) 1,1,2,2-Tetrachloroethane-	10.75	84	56731	4.67	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.40%				
66) 1,2-Dichlorobenzene-d4	12.19	152	65119	4.90	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	3141	0.239	ug/L		95
3) Chloromethane	1.52	50	3980	0.333	ug/L		96
5) Vinyl chloride	1.61	62	3994	0.272	ug/L		91
6) Bromomethane	1.86	94	2616	0.261	ug/L		97
8) Chloroethane	1.94	64	2557	0.276	ug/L		84
9) Trichlorofluoromethane	2.14	101	5070	0.250	ug/L		100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3513	0.308	ug/L	#	84
12) 1,1-Dichloroethene	2.59	96	3344	0.296	ug/L	#	1
13) Acetone	2.66	43	4827m	2.174	ug/L		
14) Carbon disulfide	2.80	76	8846	0.234	ug/L		99
15) Methyl Acetate	2.98	43	1221m	0.235	ug/L		
16) Methylene chloride	3.06	84	4163	0.290	ug/L		94
17) Methyl tert-butyl Ether	3.38	73	6126	0.224	ug/L	#	88
18) trans-1,2-Dichloroethene	3.36	96	2870	0.262	ug/L		92
19) 1,1-Dichloroethane	3.89	63	4626	0.238	ug/L		93
21) 2-Butanone	4.74	43	6904m	2.252	ug/L		
22) cis-1,2-Dichloroethene	4.68	96	2856	0.251	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010721\
Data File : VU041861.D
Acq On : 06 Jan 2021 14:04
Operator : SY/MD
Sample : L5214-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

Manual Integrations APPROVED
MMDadoda
1/7/2021 4:14:14 PM

Quant Time: Jan 07 01:25:25 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR122820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 07 01:18:48 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	4.99	128	1363	0.247	ug/L		81
25) Chloroform	5.11	83	6420	0.327	ug/L		85
27) 1,2-Dichloroethane	5.81	62	2867	0.225	ug/L	#	88
29) 1,1,1-Trichloroethane	5.33	97	4084	0.236	ug/L		95
30) Cyclohexane	5.40	56	3378	0.212	ug/L		97
31) Carbon tetrachloride	5.54	117	3391	0.221	ug/L		88
33) Benzene	5.78	78	10384	0.241	ug/L		100
34) Trichloroethene	6.55	95	2726	0.242	ug/L		95
35) Methylcyclohexane	6.77	83	3920	0.227	ug/L		95
37) 1,2-Dichloropropane	6.80	63	2523	0.235	ug/L	#	87
38) Bromodichloromethane	7.11	83	3470	0.247	ug/L		98
39) cis-1,3-Dichloropropene	7.62	75	4291	0.267	ug/L		90
40) 4-Methyl-2-pentanone	7.80	43	14635	2.133	ug/L	#	86
42) Toluene	7.97	91	11132	0.245	ug/L		91
44) trans-1,3-Dichloropropene	8.21	75	3267	0.222	ug/L	#	73
45) 1,1,2-Trichloroethane	8.41	97	1955	0.225	ug/L		90
47) Tetrachloroethene	8.56	164	2110	0.239	ug/L		95
48) 2-Hexanone	8.69	43	12713	2.534	ug/L		95
49) Dibromochloromethane	8.81	129	2282	0.219	ug/L		86
50) 1,2-Dibromoethane	8.92	107	2018	0.235	ug/L	#	87
51) Chlorobenzene	9.45	112	7584	0.254	ug/L		99
52) Ethylbenzene	9.57	91	10798	0.228	ug/L		94
53) m,p-Xylene	9.69	106	3871	0.208	ug/L		95
54) o-Xylene	10.10	106	3770	0.213	ug/L		87
55) Styrene	10.11	104	5915	0.194	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.78	83	2995	0.263	ug/L		89
59) Bromoform	10.29	173	1541	0.256	ug/L	#	75
60) Isopropylbenzene	10.48	105	9398	0.215	ug/L		98
61) 1,2,3-Trichloropropane	10.82	75	2136	0.272	ug/L	#	88
62) 1,3,5-Trimethylbenzene	11.08	105	7799	0.217	ug/L		97
63) 1,2,4-Trimethylbenzene	11.46	105	7580	0.213	ug/L		99
64) 1,3-Dichlorobenzene	11.74	146	5566	0.263	ug/L		87
65) 1,4-Dichlorobenzene	11.83	146	6107	0.284	ug/L		93
67) 1,2-Dichlorobenzene	12.21	146	5915	0.281	ug/L		98
68) 1,2-Dibromo-3-chloropropan	12.99	75	370	0.205	ug/L	#	66
69) 1,3,5-Trichlorobenzene	13.21	180	3778	0.238	ug/L		97
70) 1,2,4-trichlorobenzene	13.83	180	2406	0.208	ug/L		94
71) Naphthalene	14.08	128	2427	0.119	ug/L	#	93
72) 1,2,3-Trichlorobenzene	14.32	180	2109	0.191	ug/L	#	93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010721\
Data File : VU041861.D
Acq On : 06 Jan 2021 14:04
Operator : SY/MD
Sample : L5214-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 07 01:25:25 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR122820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 07 01:18:48 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT1-2021-02

Manual Integrations APPROVED
MMDadoda
1/7/2021 4:14:14 PM