Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012820\

Quantitation Report (QT Reviewed)

Data File : VU036572.D
Acq On : 28 Jan 2020 12:30
Operator : JC/MD
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL06

Manual Integrations APPROVED
MMDadoda
2/14/2020 12:22:30 PM

Quant Time: Jan 29 06:23:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 06:14:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	149408	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	137956	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	64126	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	33206	4.04	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.80%			
7) Chloroethane-d5	1.93	69	33669	4.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.40%			
11) 1,1-Dichloroethene-d2	2.59	65	14786	4.36	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.20%			
20) 2-Butanone-d5	4.69	46	82991	45.85	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.70%			
24) Chloroform-d	5.11	84	71111	4.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.60%			
26) 1,2-Dichloroethane-d4	5.75	65	38661	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.60%			
32) Benzene-d6	5.77	84	156831	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.73	67	50674	4.98	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.60%			
41) Toluene-d8	7.93	98	152355	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
43) trans-1,3-Dichloropropene-	8.21	79	20234	5.01	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 100.20%			
46) 2-Hexanone-d5	8.67	63	100213	53.36	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.72%			
56) 1,1,2,2-Tetrachloroethane-	10.78	84	41431	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%			
66) 1,2-Dichlorobenzene-d4	12.21	152	56294	5.05	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	2960	0.270	ug/L	99
3) Chloromethane	1.54	50	3224	0.279	ug/L	99
5) Vinyl chloride	1.62	62	3243	0.258	ug/L #	73
6) Bromomethane	1.87	94	2152	0.295	ug/L	92
8) Chloroethane	1.95	64	2265	0.292	ug/L	86
9) Trichlorofluoromethane	2.16	101	3737	0.256	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	2602	0.289	ug/L	97
12) 1,1-Dichloroethene	2.61	96	2621	0.293	ug/L #	1
13) Acetone	2.67	43	5850	4.335	ug/L	88
14) Carbon disulfide	2.82	76	7087	0.252	ug/L	97
15) Methyl Acetate	2.99	43	925m	0.268	ug/L	
16) Methylene chloride	3.08	84	7979	0.657	ug/L	94
17) Methyl tert-butyl Ether	3.41	73	5598	0.250	ug/L #	92
18) trans-1,2-Dichloroethene	3.39	96	2605	0.272	ug/L	86
19) 1,1-Dichloroethane	3.92	63	4262	0.255	ug/L	98
21) 2-Butanone	4.77	43	4991	2.287	ug/L	87
22) cis-1,2-Dichloroethene	4.71	96	2877	0.269	ug/L	84

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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : MDL06

Manual Integrations APPROVED
MMDadoda
2/14/2020 12:22:30 PM

Quant Time: Jan 29 06:23:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 29 06:14:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) Bromochloromethane	5.02	128	1135	0.252	ug/L		90
25) Chloroform	5.14	83	4808	0.288	ug/L		87
27) 1,2-Dichloroethane	5.84	62	2769	0.265	ug/L	#	72
29) 1,1,1-Trichloroethane	5.36	97	3581	0.260	ug/L		96
30) Cyclohexane	5.43	56	3949	0.251	ug/L		98
31) Carbon tetrachloride	5.56	117	2971	0.254	ug/L		99
33) Benzene	5.82	78	10325	0.266	ug/L		100
34) Trichloroethene	6.58	95	2850	0.278	ug/L		93
35) Methylcyclohexane	6.80	83	4679	0.266	ug/L		95
37) 1,2-Dichloropropane	6.83	63	2445	0.254	ug/L	#	88
38) Bromodichloromethane	7.14	83	3069	0.261	ug/L	#	99
39) cis-1,3-Dichloropropene	7.64	75	3712	0.250	ug/L		97
40) 4-Methyl-2-pentanone	7.83	43	14808	2.731	ug/L		99
42) Toluene	8.00	91	12592	0.294	ug/L		98
44) trans-1,3-Dichloropropene	8.24	75	3369	0.294	ug/L		96
45) 1,1,2-Trichloroethane	8.43	97	1769	0.248	ug/L		90
47) Tetrachloroethene	8.58	164	2277	0.272	ug/L		95
48) 2-Hexanone	8.72	43	13118	3.507	ug/L	#	91
49) Dibromochloromethane	8.84	129	2004	0.246	ug/L		100
50) 1,2-Dibromoethane	8.96	107	1859	0.268	ug/L	#	91
51) Chlorobenzene	9.47	112	7986	0.290	ug/L		93
52) Ethylbenzene	9.59	91	12594	0.270	ug/L		94
53) m,p-Xylene	9.72	106	4847	0.268	ug/L		90
54) o-Xylene	10.13	106	4762	0.269	ug/L		96
55) Styrene	10.14	104	8274	0.284	ug/L		95
57) 1,1,2,2-Tetrachloroethane	10.80	83	2426	0.271	ug/L	#	95
59) Bromoform	10.32	173	1094	0.254	ug/L	#	92
60) Isopropylbenzene	10.51	105	12421	0.287	ug/L		97
61) 1,2,3-Trichloropropane	10.85	75	1814	0.304	ug/L	#	84
62) 1,3,5-Trimethylbenzene	11.11	105	10291	0.277	ug/L		100
63) 1,2,4-Trimethylbenzene	11.49	105	9646	0.262	ug/L		100
64) 1,3-Dichlorobenzene	11.77	146	5421	0.268	ug/L		99
65) 1,4-Dichlorobenzene	11.86	146	5618	0.278	ug/L		98
67) 1,2-Dichlorobenzene	12.23	146	5450	0.282	ug/L		89
68) 1,2-Dibromo-3-chloropropan	13.02	75	255	0.202	ug/L	#	65
69) 1,3,5-Trichlorobenzene	13.24	180	3725	0.240	ug/L		96
70) 1,2,4-trichlorobenzene	13.86	180	1613	0.143	ug/L		92
71) Naphthalene	14.10	128	1458	0.091	ug/L	#	80
72) 1,2,3-Trichlorobenzene	14.35	180	1609	0.158	ug/L		98

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

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Instrument :
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ClientSampleId :
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