Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043310.D
Acq On : 13 Dec 2023 20:25
Operator : MA/JU
Sample : 05690-08
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 13 22:59:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCLH7

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023

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12/15/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.998	152	316280	20.000	ng/ul		0.00
20) Naphthalene-d8	10.804	136	1443018	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.622	164	836364	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.363	188	1599399	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.533	240	1073316	20.000	ng/ul	#	0.00
88) Perylene-d12	23.956	264	1018136	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.399	96	42623	5.289	ng/uL		0.00
4) Pyridine-d5	3.816	84	414202	17.322	ng/ul		0.00
7) Phenol-d5	7.157	99	995758	31.712	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	616308	31.706	ng/ul		0.00
11) 2-Chlorophenol-d4	7.528	132	756512	31.604	ng/ul		0.00
15) 4-Methylphenol-d8	8.710	113	774655	31.184	ng/ul		0.00
21) Nitrobenzene-d5	9.169	128	387944	31.542	ng/ul		0.00
24) 2-Nitrophenol-d4	9.892	143	397655	33.528	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.422	165	753048	28.486	ng/ul		0.00
31) 4-Chloroaniline-d4	10.951	131	751485	19.757	ng/ul		0.00
46) Dimethylphthalate-d6	14.045	166	2269862	30.960	ng/ul		0.00
49) Acenaphthylene-d8	14.322	160	2700360	31.836	ng/ul		0.00
54) 4-Nitrophenol-d4	14.822	143	372495	28.354	ng/ul		0.00
60) Fluorene-d10	15.616	176	2017691	31.571	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	80537	9.149	ng/ul		0.00
73) Anthracene-d10	17.463	188	2983147	34.476	ng/ul		0.00
81) Pyrene-d10	19.751	212	3025060	44.048	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.797	264	2071268	34.864	ng/ul		0.00
Target Compounds							Qvalue
30) Naphthalene	10.857	128	232691	2.627	ng/ul		99
36) 2-Methylnaphthalene	12.463	142	127731	2.004	ng/ul		98
37) 1-Methylnaphthalene	12.675	142	109776	1.697	ng/ul		97
50) Acenaphthylene	14.351	152	176759	1.844	ng/ul		96
52) Acenaphthene	14.686	153	602072	9.521	ng/ul		100
61) Fluorene	15.669	166	557557	7.457	ng/ul		99
72) Phenanthrene	17.410	178	3111682	31.199	ng/ul		99
74) Anthracene	17.498	178	4638516	46.170	ng/ul		99
80) Fluoranthene	19.421	202	8778722	111.433	ng/ul	#	95
82) Pyrene	19.780	202	7481476	91.294	ng/ul		94
85) Benzo(a)anthracene	21.521	228	1397894	16.987	ng/ul		97
87) Chrysene	21.574	228	1904319	25.909	ng/ul		98
90) Benzo(b)fluoranthene	23.221	252	1940121	26.708	ng/ul	#	93
91) Benzo(k)fluoranthene	23.262	252	624382m	8.630	ng/ul		
93) Benzo(a)pyrene	23.850	252	747941	11.139	ng/ul	#	93
94) Indeno(1,2,3-cd)pyrene	26.474	276	563167	7.363	ng/ul	#	92
95) Dibenzo(a,h)anthracene	26.497	278	147019m	2.299	ng/ul		
96) Benzo(g,h,i)perylene	27.244	276	476556	8.270	ng/ul	#	89

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

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