Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043333.D
Acq On : 14 Dec 2023 10:50
Operator : MA/JU
Sample : 05690-04DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 14 23:08:42 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 :
DCLH3DL

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	337576	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	1628879	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	969660	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.362	188	1906803	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.533	240	1323935	20.000	ng/ul	# 0.00
88) Perylene-d12	23.950	264	1238850	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	3500	0.407	ng/uL	0.00
4) Pyridine-d5	3.840	84	18683m	0.732	ng/ul	0.02
7) Phenol-d5	7.157	99	80745	2.409	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	52849	2.547	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	60418	2.365	ng/ul	0.00
15) 4-Methylphenol-d8	8.704	113	57220	2.158	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	31256	2.251	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	27991	2.091	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	56691	1.900	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	62083	1.446	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	196060	2.307	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	220404	2.241	ng/ul	0.00
54) 4-Nitrophenol-d4	14.821	143	19546	1.283	ng/ul	0.00
60) Fluorene-d10	15.609	176	173056	2.336	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	4936	0.470	ng/ul	0.00
73) Anthracene-d10	17.462	188	249202	2.416	ng/ul	0.00
81) Pyrene-d10	19.744	212	255563	3.017	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	176847	2.446	ng/ul	0.00
Target Compounds						Qvalue
30) Naphthalene	10.857	128	202495	2.025	ng/ul	98
36) 2-Methylnaphthalene	12.457	142	279705	3.889	ng/ul	99
37) 1-Methylnaphthalene	12.674	142	151222	2.071	ng/ul	97
52) Acenaphthene	14.686	153	885021	12.072	ng/ul	100
61) Fluorene	15.668	166	1294607	14.934	ng/ul	99
72) Phenanthrene	17.409	178	5533853	46.540	ng/ul	99
74) Anthracene	17.498	178	3488282	29.123	ng/ul	100
80) Fluoranthene	19.415	202	2687151	27.653	ng/ul#	93
82) Pyrene	19.774	202	1729626	17.111	ng/ul#	92
85) Benzo(a)anthracene	21.515	228	312815	3.082	ng/ul	98
87) Chrysene	21.574	228	299359	3.302	ng/ul	99
90) Benzo(b)fluoranthene	23.215	252	142717	1.615	ng/ul#	93

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

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