Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045841.D
Acq On : 05 Jun 2024 07:42
Operator : MA/JU
Sample : P2586-15
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 05 08:26:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4C29

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	297251	20.000	ng/ul	0.00
20) Naphthalene-d8	10.234	136	1188490	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	667813	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.857	188	1159080	20.000	ng/ul	0.00
79) Chrysene-d12	21.068	240	893023	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	1014209	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	25231	3.291	ng/uL	0.00
4) Pyridine-d5	3.469	84	336565	17.049	ng/ul	0.00
7) Phenol-d5	6.722	99	583735	23.116	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	398647	21.985	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	455048	24.124	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	457472	23.979	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128	224452	24.154	ng/ul	0.00
24) 2-Nitrophenol-d4	9.340	143	242017	25.734	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	421509	23.901	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	460807	18.879	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	1175549	25.427	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160	1328336	24.742	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	160546	16.091	ng/ul	0.00
60) Fluorene-d10	15.104	176	937643	23.773	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	78087	13.193	ng/ul	0.00
73) Anthracene-d10	16.951	188	1262632	25.058	ng/ul	0.00
81) Pyrene-d10	19.251	212	1343114	24.185	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	1195002	25.210	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	16.892	178	115753	1.895	ng/ul	98
80) Fluoranthene	18.915	202	196077	2.912	ng/ul#	97
82) Pyrene	19.280	202	172268	2.490	ng/ul	98
85) Benzo(a)anthracene	21.045	228	119231	1.934	ng/ul	98
87) Chrysene	21.103	228	126800	2.223	ng/ul	97
90) Benzo(b)fluoranthene	22.933	252	205728	3.301	ng/ul	97
91) Benzo(k)fluoranthene	22.986	252	82965m	1.363	ng/ul	
93) Benzo(a)pyrene	23.656	252	135362	2.471	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.774	276	119488	1.998	ng/ul	98
96) Benzo(g,h,i)perylene	27.715	276	126716	2.405	ng/ul	99

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

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