Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047825.D
Acq On : 04 Oct 2024 02:32
Operator : RC/JU
Sample : P4084-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 04 03:21:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCYN4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	330179	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.592	136	1341449	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.433	164	824184	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.174	188	1677167	20.000	ng/ul	-0.01
79) Chrysene-d12	21.397	240	1647304	20.000	ng/ul	-0.01
88) Perylene-d12	24.397	264	1888706	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.251	96	12725	1.245	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.969	99	237253	7.599	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	153017	6.907	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.334	132	203704	8.968	ng/ul	-0.01
15) 4-Methylphenol-d8	8.504	113	170653	7.352	ng/ul	-0.01
21) Nitrobenzene-d5	8.957	128	93568	8.760	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.675	143	99033	9.676	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.216	165	191176	9.350	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.727	131	159572	5.048	ng/ul	-0.01
46) Dimethylphthalate-d6	13.845	166	580154	9.709	ng/ul	-0.01
49) Acenaphthylene-d8	14.127	160	654552	9.239	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.627	143	72813	6.120	ng/ul	0.00
60) Fluorene-d10	15.427	176	517706	10.003	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.539	200	58719	5.983	ng/ul	-0.01
73) Anthracene-d10	17.268	188	767607	9.308	ng/ul	-0.02
81) Pyrene-d10	19.556	212	762148	8.152	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.185	264	530058	5.409	ng/ul	-0.02
Target Compounds						Qvalue
74) Anthracene	17.303	178	162936	1.624	ng/ul	99
80) Fluoranthene	19.227	202	461081	4.187	ng/ul	97
82) Pyrene	19.586	202	364600	2.975	ng/ul	95
85) Benzo(a)anthracene	21.380	228	314287	2.725	ng/ul	96
87) Chrysene	21.438	228	444236	3.951	ng/ul	97
90) Benzo(b)fluoranthene	23.450	252	816573	6.933	ng/ul	99
91) Benzo(k)fluoranthene	23.503	252	311435m	2.586	ng/ul	
93) Benzo(a)pyrene	24.250	252	132786	1.187	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.767	276	163771	1.142	ng/ul	99

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

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