Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048093.D
Acq On : 16 Oct 2024 18:31
Operator : RC/JU
Sample : P4329-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 16 23:16:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4FB5

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	278702	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	1126234	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.416	164	686206	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1348959	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1192820	20.000	ng/ul	0.00
88) Perylene-d12	24.380	264	1328817	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12599	1.461	ng/uL	0.00
4) Pyridine-d5	3.663	84	40426	1.601	ng/ul	0.00
7) Phenol-d5	6.957	99	208175	7.899	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	128809	6.888	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	189450m	9.880	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	101719	5.191	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	87788m	9.790	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	94809	11.033	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	163110	9.502	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	61468	2.316	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	497016	9.990	ng/ul	-0.01
49) Acenaphthylene-d8	14.110	160	556372	9.432	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	58526m	5.909	ng/ul	0.02
60) Fluorene-d10	15.410	176	439021	10.188	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	20119	2.549	ng/ul	0.00
73) Anthracene-d10	17.257	188	653150	9.847	ng/ul	0.00
81) Pyrene-d10	19.545	212	529064	7.815	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.174	264	310588	4.505	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.598	105	63067	1.881	ng/ul#	89
72) Phenanthrene	17.198	178	257349	3.253	ng/ul	99
80) Fluoranthene	19.215	202	687727	8.625	ng/ul	98
82) Pyrene	19.574	202	328461	3.701	ng/ul	96
85) Benzo(a)anthracene	21.368	228	280076	3.353	ng/ul	97
87) Chrysene	21.427	228	310174	3.810	ng/ul	97
90) Benzo(b)fluoranthene	23.433	252	406575	4.906	ng/ul	97
91) Benzo(k)fluoranthene	23.492	252	123976m	1.463	ng/ul	
93) Benzo(a)pyrene	24.239	252	78934	1.003	ng/ul#	89

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

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