Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048035.D
Acq On : 14 Oct 2024 19:32
Operator : RC/JU
Sample : P4239-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 14 23:06:12 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 :
A4EG3

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/15/2024
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	298875	20.000	ng/ul	0.00
20) Naphthalene-d8	10.574	136	1176933	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.421	164	706615	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.162	188	1434628	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1355912	20.000	ng/ul	0.00
88) Perylene-d12	24.385	264	1598956	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12262	1.326	ng/uL	0.00
4) Pyridine-d5	3.675	84	13241	0.489	ng/ul	0.02
7) Phenol-d5	6.957	99	207378	7.338	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	128177	6.391	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	186451	9.068	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	126030	5.998	ng/ul	0.00
21) Nitrobenzene-d5	8.939	128	84461	9.013	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	90374	10.064	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	160812	8.964	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	95130m	3.430	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	478068	9.332	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	561531	9.245	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	52847	5.181	ng/ul	0.01
60) Fluorene-d10	15.409	176	440263	9.922	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	38126	4.541	ng/ul	0.00
73) Anthracene-d10	17.256	188	639371	9.064	ng/ul	0.00
81) Pyrene-d10	19.544	212	738776	9.600	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.174	264	592181	7.138	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.203	178	500460	5.949	ng/ul	100
74) Anthracene	17.292	178	103506	1.206	ng/ul	99
80) Fluoranthene	19.215	202	973503	10.741	ng/ul	99
82) Pyrene	19.574	202	736286	7.299	ng/ul	97
85) Benzo(a)anthracene	21.368	228	430574	4.535	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.286	149	193349	3.611	ng/ul	97
87) Chrysene	21.427	228	450818	4.871	ng/ul	97
90) Benzo(b)fluoranthene	23.438	252	590693	5.924	ng/ul	97
91) Benzo(k)fluoranthene	23.491	252	222194m	2.179	ng/ul	
93) Benzo(a)pyrene	24.238	252	248615	2.625	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.750	276	229542	1.891	ng/ul	98

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

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