Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048034.D
Acq On : 14 Oct 2024 18:53
Operator : RC/JU
Sample : P4239-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4ET4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 14 23:03:37 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	276995	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	1083476	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.421	164	644664	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.162	188	1312919	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1282604	20.000	ng/ul	0.00
88) Perylene-d12	24.385	264	1504378	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	13958	1.628	ng/uL	0.00
4) Pyridine-d5	3.669	84	17880	0.712	ng/ul	0.01
7) Phenol-d5	6.957	99	237431m	9.065	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	152431	8.201	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	217660	11.422	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	167307	8.591	ng/ul	0.00
21) Nitrobenzene-d5	8.939	128	98051	11.366	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	107726	13.031	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	180613	10.937	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	145220	5.688	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	541717	11.590	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	642321	11.591	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	55302	5.943	ng/ul	0.01
60) Fluorene-d10	15.410	176	495588	12.242	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	42918	5.586	ng/ul	0.00
73) Anthracene-d10	17.256	188	750385	11.623	ng/ul	0.00
81) Pyrene-d10	19.545	212	842055	11.568	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.174	264	689939	8.839	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.204	178	448336	5.823	ng/ul	100
80) Fluoranthene	19.215	202	604745	7.054	ng/ul	99
82) Pyrene	19.574	202	486665	5.100	ng/ul	98
85) Benzo(a)anthracene	21.368	228	245686	2.736	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.291	149	192680	3.804	ng/ul#	98
87) Chrysene	21.427	228	280500	3.204	ng/ul	96
90) Benzo(b)fluoranthene	23.438	252	332435	3.543	ng/ul	96
91) Benzo(k)fluoranthene	23.491	252	123091	1.283	ng/ul#	94
93) Benzo(a)pyrene	24.232	252	136150	1.528	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.750	276	120526	1.056	ng/ul	98

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

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