Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121022\
Data File : BM037940.D
Acq On : 10 Dec 2022 18:30
Operator : CG/JU
Sample : N5832-20MEDL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 11 21:28:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 21:34:57 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBXL5MEDL

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	214669	20.000	ng/ul	0.00
20) Naphthalene-d8	10.898	136	787103	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	429309	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	921574	20.000	ng/ul	0.00
79) Chrysene-d12	21.615	240	996625	20.000	ng/ul	0.00
88) Perylene-d12	24.097	264	1100203	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	4385	0.927	ng/uL	0.00
4) Pyridine-d5	3.887	84	15802m	1.127	ng/ul	0.03
7) Phenol-d5	7.234	99	57278	3.284	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.398	67	39892	3.756	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	52085	3.640	ng/ul	0.00
15) 4-Methylphenol-d8	8.786	113	41466	3.045	ng/ul	0.00
21) Nitrobenzene-d5	9.251	128	24378	3.912	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	22167	3.394	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	41697	3.361	ng/ul	0.00
31) 4-Chloroaniline-d4	11.039	131	67541	3.944	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	123014	4.019	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	139334	3.725	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	10642m	2.040	ng/ul	0.00
60) Fluorene-d10	15.692	176	116779	4.283	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.815	200	7476	1.517	ng/ul	0.00
73) Anthracene-d10	17.545	188	186110	4.327	ng/ul	0.00
81) Pyrene-d10	19.827	212	236016	3.942	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	234662	4.270	ng/ul	-0.01
Target Compounds						Qvalue
30) Naphthalene	10.945	128	58812	1.385	ng/ul	98
36) 2-Methylnaphthalene	12.545	142	46423	1.685	ng/ul	97
37) 1-Methylnaphthalene	12.763	142	50123	1.779	ng/ul#	91
52) Acenaphthene	14.768	153	480653	16.895	ng/ul	98
61) Fluorene	15.751	166	804049	25.383	ng/ul	99
72) Phenanthrene	17.492	178	3212652	63.835	ng/ul	100
74) Anthracene	17.586	178	4896110	95.730	ng/ul	99
80) Fluoranthene	19.498	202	3229769	45.712	ng/ul	100
82) Pyrene	19.856	202	2356049	32.041	ng/ul	99
85) Benzo(a)anthracene	21.603	228	563902	8.404	ng/ul	99
87) Chrysene	21.656	228	646761	10.274	ng/ul	97
90) Benzo(b)fluoranthene	23.338	252	539681	7.912	ng/ul	100
91) Benzo(k)fluoranthene	23.380	252	153689m	2.325	ng/ul	
93) Benzo(a)pyrene	23.985	252	221602	3.695	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.685	276	110264	1.427	ng/ul	93
96) Benzo(g,h,i)perylene	27.485	276	73075	1.185	ng/ul	96

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

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