Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040860.D
Acq On : 13 Jul 2023 21:47
Operator : MA/JU
Sample : 03418-23MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A46K6MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/17/2023
Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 14 03:17:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	4702	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	16004	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	7217	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	14895	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.454	240	10183	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	11107	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3142	0.425	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	6198	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	9932	0.304	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.313	88	8229	1.095	ng/ul	89
5) Naphthalene	10.719	128	14744	0.334	ng/ul	99
7) 2-Methylnaphthalene	12.335	142	7446	0.287	ng/ul	100
8) 1-Methylnaphthalene	12.550	142	7766	0.300	ng/ul	98
10) Acenaphthylene	14.231	152	10204	0.317	ng/ul	97
11) Acenaphthene	14.574	153	8298	0.305	ng/ul	98
12) Fluorene	15.564	166	8765	0.302	ng/ul	99
14) Pentachlorophenol	16.915	266	1519	0.530	ng/ul	91
15) Phenanthrene	17.303	178	32591	0.704	ng/ul	99
16) Anthracene	17.396	178	12999	0.334	ng/ul	98
19) Fluoranthene	19.324	202	65833	1.522	ng/ul	95
20) Pyrene	19.687	202	60874	1.313	ng/ul	98
21) Benzo(a)anthracene	21.437	228	32511	0.944	ng/ul	97
22) Chrysene	21.489	228	37411	0.952	ng/ul	97
24) Benzo(b)fluoranthene	23.108	252	47323	1.101	ng/ul	97
25) Benzo(k)fluoranthene	23.152	252	24589m	0.580	ng/ul	
26) Benzo(a)pyrene	23.725	252	32345	0.835	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.290	276	31814	0.590	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.307	278	14951	0.354	ng/ul	97
29) Benzo(g,h,i)perylene	27.048	276	30950	0.655	ng/ul	97

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

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