Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041824\
Data File : BM045388.D
Acq On : 19 Apr 2024 11:59
Operator : MA/JU
Sample : PB160278BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 19 12:42:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 22:19:59 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS278

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/22/2024
Supervised By :mohammad ahmed 04/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	834	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.386	136	2569	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.238	164	1339	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.010	188	2981	0.400	ng/ul	0.00
17) Chrysene-d12	21.216	240	2376	0.400	ng/ul	0.00
23) Perylene-d12	23.416	264	3308	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.180	96	674	0.615	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.991	152	1003	0.288	ng/ul	0.00
18) Fluoranthene-d10	19.044	212	2161	0.360	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.209	88	1942	1.849	ng/ul#	81
5) Naphthalene	10.440	128	2156	0.316	ng/ul#	87
7) 2-Methylnaphthalene	12.074	142	1255	0.308	ng/ul	100
8) 1-Methylnaphthalene	12.272	142	1350	0.304	ng/ul	98
10) Acenaphthylene	13.965	152	2138	0.320	ng/ul#	90
11) Acenaphthene	14.303	153	1629	0.341	ng/ul	96
12) Fluorene	15.316	166	1755	0.327	ng/ul#	95
14) Pentachlorophenol	16.677	266	433	0.619	ng/ul	96
15) Phenanthrene	17.048	178	2699	0.322	ng/ul	96
16) Anthracene	17.162	178	2752m	0.333	ng/ul	
19) Fluoranthene	19.076	202	3156	0.372	ng/ul#	95
20) Pyrene	19.443	202	3349	0.374	ng/ul#	96
21) Benzo(a)anthracene	21.207	228	2752	0.333	ng/ul	96
22) Chrysene	21.251	228	3728	0.361	ng/ul	96
24) Benzo(b)fluoranthene	22.756	252	4102	0.343	ng/ul	97
25) Benzo(k)fluoranthene	22.799	252	4777	0.357	ng/ul	95
26) Benzo(a)pyrene	23.326	252	4191	0.367	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.624	276	6402	0.409	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.644	278	5121	0.414	ng/ul	95
29) Benzo(g,h,i)perylene	26.295	276	5574	0.413	ng/ul#	93

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

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