Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039791.D
Acq On : 01 May 2023 23:26
Operator : CG/JU
Sample : 02418-30DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: May 02 01:28:17 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
EW904DL

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	4058	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	15558	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	9693	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.208	188	19207	0.400	ng/ul	0.00
17) Chrysene-d12	21.423	240	7692	0.400	ng/ul	# 0.02
23) Perylene-d12	23.776	264	19178	0.400	ng/ul	# 0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	2546	0.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	1014	0.051	ng/ul	-0.01
18) Fluoranthene-d10	19.248	212	1067m	0.052	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.645	128	171844	4.399	ng/ul	97
7) 2-Methylnaphthalene	12.267	142	67526	2.995	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	62856	2.599	ng/ul	100
10) Acenaphthylene	14.169	152	492214	13.120	ng/ul	99
11) Acenaphthene	14.511	153	308522	10.469	ng/ul	98
12) Fluorene	15.501	166	550341	16.832	ng/ul	97
14) Pentachlorophenol	16.879	266	336	0.080	ng/ul	90
15) Phenanthrene	17.259	178	7333143	144.918	ng/ul	98
16) Anthracene	17.343	178	1953960	44.971	ng/ul	98
19) Fluoranthene	19.304	202	12478038	454.706	ng/ul#	94
20) Pyrene	19.666	202	10377678	350.188	ng/ul#	92
21) Benzo(a)anthracene	21.402	228	5114108	231.244	ng/ul	93
22) Chrysene	21.461	228	5281003	211.006	ng/ul	93
24) Benzo(b)fluoranthene	23.080	252	7399950m	109.870	ng/ul	
25) Benzo(k)fluoranthene	23.118	252	2457481m	35.834	ng/ul	
26) Benzo(a)pyrene	23.694	252	4853256	80.258	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.261	276	4054190	53.022	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.251	278	1038259	17.495	ng/ul	95
29) Benzo(g,h,i)perylene	27.016	276	3540272	53.136	ng/ul	99

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

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