Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071423\
Data File : BN026512.D
Acq On : 14 Jul 2023 22:36
Operator : MA/JU
Sample : 03414-21MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 15 01:56:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4634MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	2820	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	9180	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.584	164	5969	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.330	188	19617	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.514	240	11892	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	11670	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	1798	0.484	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	4346	0.348	ng/ul	0.00
18) Fluoranthene-d10	19.354	212	13204	0.320	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	4240	1.206	ng/ul	92
5) Naphthalene	10.809	128	8175	0.324	ng/ul	99
7) 2-Methylnaphthalene	12.420	142	5087	0.356	ng/ul	97
8) 1-Methylnaphthalene	12.634	142	5955	0.389	ng/ul	100
10) Acenaphthylene	14.306	152	10442	0.357	ng/ul	96
11) Acenaphthene	14.649	153	8742	0.393	ng/ul	99
12) Fluorene	15.634	166	11236	0.481	ng/ul	98
14) Pentachlorophenol	16.992	266	2137	0.432	ng/ul	95
15) Phenanthrene	17.368	178	64246	1.028	ng/ul	98
16) Anthracene	17.465	178	22594	0.417	ng/ul	97
19) Fluoranthene	19.387	202	118761	2.131	ng/ul#	96
20) Pyrene	19.749	202	113292	1.871	ng/ul	98
21) Benzo(a)anthracene	21.497	228	60605	1.387	ng/ul	98
22) Chrysene	21.549	228	64809	1.303	ng/ul	98
24) Benzo(b)fluoranthene	23.195	252	69698	1.533	ng/ul	89
25) Benzo(k)fluoranthene	23.239	252	28966m	0.608	ng/ul	
26) Benzo(a)pyrene	23.821	252	47606	1.176	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.447	276	37614	0.709	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.457	278	16523	0.406	ng/ul	95
29) Benzo(g,h,i)perylene	27.225	276	36024	0.769	ng/ul#	90

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

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