Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032842.D
Acq On : 19 Jul 2024 15:48
Operator : MA/JU
Sample : P3238-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 19 18:32:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A4BE6MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	3926	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.299	136	12971	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.179	164	7626	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.940	188	13577	0.400	ng/ul	#-0.03
17) Chrysene-d12	21.159	240	9912	0.400	ng/ul	#-0.01
23) Perylene-d12	23.351	264	16390	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	1274	0.270	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	4183	0.213	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	7165	0.222	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.122	88	3470	0.646	ng/ul#	82
5) Naphthalene	10.349	128	236072	6.778	ng/ul	96
7) 2-Methylnaphthalene	11.971	142	77863	3.581	ng/ul	97
8) 1-Methylnaphthalene	12.196	142	56810	2.527	ng/ul	99
10) Acenaphthylene	13.901	152	55686	1.807	ng/ul	98
11) Acenaphthene	14.239	153	249396	9.788	ng/ul	98
12) Fluorene	15.238	166	261085	8.964	ng/ul	98
14) Pentachlorophenol	16.615	266	1270	0.533	ng/ul	90
15) Phenanthrene	16.986	178	2978634	80.556	ng/ul	99
16) Anthracene	17.075	178	662939	21.945	ng/ul	98
19) Fluoranthene	19.017	202	3749402	93.037	ng/ul	98
20) Pyrene	19.384	202	2721240	65.236	ng/ul	96
21) Benzo(a)anthracene	21.144	228	1742412	55.225	ng/ul	99
22) Chrysene	21.197	228	1698409	37.211	ng/ul	98
24) Benzo(b)fluoranthene	22.702	252	2149095m	37.162	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	948448m	13.458	ng/ul	
26) Benzo(a)pyrene	23.257	252	865372	17.292	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.559	276	761043	11.231	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.555	278	294575	5.608	ng/ul	99
29) Benzo(g,h,i)perylene	26.236	276	111346	1.966	ng/ul#	92

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

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