Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025247.D
Acq On : 03 May 2023 19:43
Operator : CG/JU
Sample : 02447-18MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: May 04 04:30:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
EW937MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	8543	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	27038	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.565	164	22970m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	31557	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.491	240	24583m	0.400	ng/ul	-0.01
23) Perylene-d12	23.981	264	39931	0.400	ng/ul	# 0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	2206	0.249	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	8464	0.244	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	56448m	0.871	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	5840	0.613	ng/ul#	77
5) Naphthalene	10.776	128	1771076	25.564	ng/ul	99
7) 2-Methylnaphthalene	12.387	142	795616	18.750	ng/ul	99
8) 1-Methylnaphthalene	12.607	142	711201	15.724	ng/ul	99
10) Acenaphthylene	14.288	152	2522859	29.483	ng/ul	99
11) Acenaphthene	14.630	153	2610461	36.191	ng/ul	97
12) Fluorene	15.620	166	3771767	46.775	ng/ul	99
14) Pentachlorophenol	16.988	266	3702	0.598	ng/ul	99
15) Phenanthrene	17.368	178	27860716	312.782	ng/ul	95
16) Anthracene	17.469	178	13364365	183.403	ng/ul	96
19) Fluoranthene	19.391	202	35143186	395.326	ng/ul#	87
20) Pyrene	19.758	202	32541665	356.283	ng/ul#	91
21) Benzo(a)anthracene	21.520	228	23043518	311.072	ng/ul#	79
22) Chrysene	21.581	228	22515572	278.626	ng/ul#	90
24) Benzo(b)fluoranthene	23.265	252	33717778m	208.128	ng/ul	
25) Benzo(k)fluoranthene	23.318	252	10362531m	66.499	ng/ul	
26) Benzo(a)pyrene	23.926	252	25556103m	190.660	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.608	276	19379772	125.485	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.594	278	5523262	45.785	ng/ul	99
29) Benzo(g,h,i)perylene	27.403	276	17304122	131.771	ng/ul	98

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

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