Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
Data File : BN027017.D
Acq On : 22 Aug 2023 07:18
Operator : MA/JU
Sample : 03968-02MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A48H4MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Quant Time: Aug 22 07:52:25 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 18 13:11:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	8650	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	27251	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	15861	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	35940	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	28032	0.400	ng/ul	# 0.00
23) Perylene-d12	24.190	264	27076	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	5118	0.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	15707	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	37915	0.428	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.477	88	11604	1.107	ng/ul	98
5) Naphthalene	10.977	128	33351	0.433	ng/ul	100
7) 2-Methylnaphthalene	12.572	142	19199	0.412	ng/ul	100
8) 1-Methylnaphthalene	12.786	142	19244	0.394	ng/ul	100
10) Acenaphthylene	14.458	152	47456	0.534	ng/ul	100
11) Acenaphthene	14.791	153	25052	0.407	ng/ul	99
12) Fluorene	15.772	166	29752	0.428	ng/ul	99
14) Pentachlorophenol	17.097	266	5115	0.503	ng/ul	100
15) Phenanthrene	17.515	178	329936	2.794	ng/ul	99
16) Anthracene	17.608	178	77747	0.729	ng/ul	100
19) Fluoranthene	19.520	202	896234	7.697	ng/ul	98
20) Pyrene	19.882	202	796488	6.411	ng/ul	100
21) Benzo(a)anthracene	21.627	228	368914	3.309	ng/ul	99
22) Chrysene	21.685	228	456756	4.151	ng/ul	98
24) Benzo(b)fluoranthene	23.401	252	563804m	5.505	ng/ul	
25) Benzo(k)fluoranthene	23.448	252	234061m	2.317	ng/ul	
26) Benzo(a)pyrene	24.073	252	338904	3.667	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.875	276	257942	2.134	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.901	278	73195	0.760	ng/ul	94
29) Benzo(g,h,i)perylene	27.720	276	241206	2.396	ng/ul	99

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

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