Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111523\
Data File : BN028696.D
Acq On : 17 Nov 2023 11:29
Operator : MA/JU
Sample : 05338-22MSD
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GCDM5MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 17 12:24:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 09:39:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	4887m	0.400	ng/ul	0.04
4) Naphthalene-d8	10.506	136	13844	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.325	164	13189	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.085	188	22169	0.400	ng/ul	-0.01
17) Chrysene-d12	21.292	240	19286	0.400	ng/ul	# 0.00
23) Perylene-d12	23.575	264	17699	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.120	96	2074m	0.384	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.112	152	5206	0.250	ng/ul	-0.02
18) Fluoranthene-d10	19.117	212	25747	0.415	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	9931	1.663	ng/ul	92
5) Naphthalene	10.550	128	12117	0.312	ng/ul#	91
7) 2-Methylnaphthalene	12.184	142	5579	0.218	ng/ul	99
8) 1-Methylnaphthalene	12.365	142	8088	0.312	ng/ul	99
10) Acenaphthylene	14.048	152	17850	0.271	ng/ul	97
11) Acenaphthene	14.385	153	14215	0.293	ng/ul	98
12) Fluorene	15.394	166	13672	0.243	ng/ul	98
14) Pentachlorophenol	16.735	266	4858	0.913	ng/ul	100
15) Phenanthrene	17.123	178	23734	0.348	ng/ul	97
16) Anthracene	17.233	178	15562	0.249	ng/ul	95
19) Fluoranthene	19.145	202	33441	0.408	ng/ul	97
20) Pyrene	19.507	202	37704	0.444	ng/ul	96
21) Benzo(a)anthracene	21.277	228	21528	0.282	ng/ul	99
22) Chrysene	21.330	228	26286	0.353	ng/ul	98
24) Benzo(b)fluoranthene	22.885	252	22775	0.343	ng/ul	88
25) Benzo(k)fluoranthene	22.932	252	27520	0.396	ng/ul#	90
26) Benzo(a)pyrene	23.478	252	22112	0.353	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.923	276	26411	0.380	ng/ul	99
28) Dibenzo(a,h)anthracene	25.954	278	20796	0.374	ng/ul	95
29) Benzo(g,h,i)perylene	26.631	276	23939	0.420	ng/ul	96

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

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