Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026454.D
Acq On : 11 Jul 2023 09:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 12 02:10:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD0.4350

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	4238	0.400	ng/ul	0.00
4) Naphthalene-d8	10.730	136	13018	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.560	164	8145	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	11882	0.400	ng/ul	0.00
17) Chrysene-d12	21.522	240	7369	0.400	ng/ul	0.00
23) Perylene-d12	23.975	264	7429	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2006	0.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.325	152	7584	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.353	212	11508	0.410	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	1817	0.359	ng/ul	91
5) Naphthalene	10.774	128	12358	0.331	ng/ul	97
7) 2-Methylnaphthalene	12.397	142	8806	0.371	ng/ul	99
8) 1-Methylnaphthalene	12.611	142	9862	0.401	ng/ul	99
10) Acenaphthylene	14.287	152	14128	0.370	ng/ul	100
11) Acenaphthene	14.625	153	11827	0.379	ng/ul	99
12) Fluorene	15.620	166	11402	0.319	ng/ul	99
14) Pentachlorophenol	16.996	266	761	0.179	ng/ul	96
15) Phenanthrene	17.367	178	14798	0.377	ng/ul	98
16) Anthracene	17.465	178	12023	0.345	ng/ul	97
19) Fluoranthene	19.381	202	15719	0.399	ng/ul	99
20) Pyrene	19.748	202	17009	0.415	ng/ul	96
21) Benzo(a)anthracene	21.508	228	9972	0.328	ng/ul	99
22) Chrysene	21.560	228	11537	0.365	ng/ul	99
24) Benzo(b)fluoranthene	23.220	252	11169m	0.352	ng/ul	
25) Benzo(k)fluoranthene	23.270	252	12270	0.385	ng/ul	93
26) Benzo(a)pyrene	23.866	252	9736	0.354	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.526	276	10509	0.349	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.540	278	7622	0.335	ng/ul#	90
29) Benzo(g,h,i)perylene	27.311	276	10248	0.383	ng/ul	97

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

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