Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041222\
Data File : BM034656.D
Acq On : 13 Apr 2022 14:43
Operator : CG/JU
Sample : PB143977BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS977

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 04/14/2022
Supervised By :Yogesh Patel 04/14/2022

Quant Time: Apr 14 04:15:38 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM041222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 12 15:46:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	1128	0.400	ng/ul	0.03
4) Naphthalene-d8	10.722	136	4480	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.534	164	2249m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	2907m	0.400	ng/ul	0.01
17) Chrysene-d12	21.481	240	2713	0.400	ng/ul	# 0.01
23) Perylene-d12	23.855	264	2317	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	1620	0.828	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	1580	0.266	ng/ul	0.03
18) Fluoranthene-d10	19.313	212	2615	0.331	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	4190	2.164	ng/ul#	80
5) Naphthalene	10.782	128	3421	0.264	ng/ul	99
7) 2-Methylnaphthalene	12.415	142	1794	0.232	ng/ul	96
8) 1-Methylnaphthalene	12.602	142	1906	0.244	ng/ul	99
10) Acenaphthylene	14.261	152	3189	0.302	ng/ul	99
11) Acenaphthene	14.599	153	2306	0.273	ng/ul	96
12) Fluorene	15.603	166	2071	0.238	ng/ul#	97
14) Pentachlorophenol	16.963	266	492	0.436	ng/ul	99
15) Phenanthrene	17.343	178	2653	0.282	ng/ul#	90
16) Anthracene	17.453	178	1463	0.204	ng/ul#	87
19) Fluoranthene	19.346	202	3372	0.301	ng/ul#	89
20) Pyrene	19.703	202	4332	0.327	ng/ul#	88
21) Benzo(a)anthracene	21.481	228	1450m	0.256	ng/ul	
22) Chrysene	21.507	228	2115	0.295	ng/ul	96
24) Benzo(b)fluoranthene	23.124	252	2457m	0.323	ng/ul	
25) Benzo(k)fluoranthene	23.176	252	2245	0.294	ng/ul#	65
26) Benzo(a)pyrene	23.767	252	3318	0.379	ng/ul#	45
27) Indeno(1,2,3-cd)pyrene	26.355	276	3967	0.342	ng/ul#	57
28) Dibenzo(a,h)anthracene	26.405	278	2871	0.342	ng/ul#	34
29) Benzo(g,h,i)perylene	27.093	276	4711	0.372	ng/ul#	88

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

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