Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033579.D
Acq On : 23 Aug 2024 07:42
Operator : MA/JU
Sample : P3663-02
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
920-J-SD-0.5-1-081624

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 08:06:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	8470	0.400	ng		0.00
7) Naphthalene-d8	10.303	136	22042	0.400	ng		0.00
13) Acenaphthene-d10	14.178	164	10897	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	22785	0.400	ng		0.00
29) Chrysene-d12	21.139	240	21407	0.400	ng		0.00
35) Perylene-d12	23.303	264	23944	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	4920	0.183	ng		0.00
5) Phenol-d6	6.736	99	5906	0.184	ng		0.00
8) Nitrobenzene-d5	8.681	82	3473	0.190	ng		0.00
11) 2-Methylnaphthalene-d10	11.903	152	4956	0.157	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	1044	0.178	ng		0.00
15) 2-Fluorobiphenyl	12.799	172	6342	0.142	ng		0.00
27) Fluoranthene-d10	18.970	212	7143	0.130	ng		0.00
31) Terphenyl-d14	19.583	244	4162	0.086	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	962	0.099	ng	#	82
9) Naphthalene	10.357	128	1855	0.031	ng	#	85
12) 2-Methylnaphthalene	11.979	142	858	0.023	ng	#	89
16) Acenaphthylene	13.900	152	5025	0.105	ng		97
17) Acenaphthene	14.242	154	4966	0.148	ng		97
18) Fluorene	15.236	166	7989	0.189	ng		95
25) Phenanthrene	16.966	178	170888	2.696	ng		100
26) Anthracene	17.066	178	34868	0.622	ng		98
28) Fluoranthene	19.003	202	607264	8.669	ng		100
30) Pyrene	19.365	202	512045	5.359	ng	#	94
32) Benzo(a)anthracene	21.121	228	299521	3.870	ng		98
33) Chrysene	21.175	228	311408	4.048	ng		98
34) Bis(2-ethylhexyl)phtha...	21.085	149	54767m	1.118	ng		
36) Indeno(1,2,3-cd)pyrene	25.452	276	189648	1.908	ng		94
37) Benzo(b)fluoranthene	22.662	252	423498	4.736	ng	#	93
38) Benzo(k)fluoranthene	22.700	252	149535m	1.699	ng		
39) Benzo(a)pyrene	23.209	252	285641m	3.861	ng		
40) Dibenzo(a,h)anthracene	25.463	278	44685	0.562	ng		97
41) Benzo(g,h,i)perylene	26.106	276	181894	2.140	ng		98

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

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