Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033556.D
Acq On : 22 Aug 2024 17:07
Operator : MA/JU
Sample : P3643-07DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
918-J-SD-0-0.5-081524DL

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 22 17:46:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	8021	0.400	ng		-0.01
7) Naphthalene-d8	10.304	136	20435	0.400	ng		-0.01
13) Acenaphthene-d10	14.178	164	9323	0.400	ng		-0.01
19) Phenanthrene-d10	16.929	188	17605	0.400	ng		-0.01
29) Chrysene-d12	21.139	240	15216	0.400	ng		0.00
35) Perylene-d12	23.309	264	16830	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	633	0.025	ng		0.00
5) Phenol-d6	6.736	99	784	0.026	ng		0.00
8) Nitrobenzene-d5	8.681	82	475	0.028	ng		-0.01
11) 2-Methylnaphthalene-d10	11.903	152	762	0.026	ng		-0.01
14) 2,4,6-Tribromophenol	15.676	330	139	0.028	ng		-0.01
15) 2-Fluorobiphenyl	12.799	172	1033	0.027	ng		-0.01
27) Fluoranthene-d10	18.970	212	1007	0.024	ng		-0.01
31) Terphenyl-d14	19.588	244	745	0.022	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.357	128	2338	0.043	ng	#	91
12) 2-Methylnaphthalene	11.979	142	1081	0.031	ng	#	91
17) Acenaphthene	14.242	154	16946	0.589	ng		98
18) Fluorene	15.236	166	19093	0.527	ng		100
25) Phenanthrene	16.966	178	111530	2.277	ng		99
26) Anthracene	17.066	178	23450	0.541	ng		98
28) Fluoranthene	19.003	202	154843	2.861	ng		100
30) Pyrene	19.365	202	131887	1.942	ng	#	94
32) Benzo(a)anthracene	21.121	228	82113	1.493	ng		96
33) Chrysene	21.175	228	79588	1.455	ng		96
34) Bis(2-ethylhexyl)phtha...	21.085	149	3272m	0.094	ng		
36) Indeno(1,2,3-cd)pyrene	25.455	276	46667	0.668	ng		96
37) Benzo(b)fluoranthene	22.665	252	99117	1.577	ng		96
38) Benzo(k)fluoranthene	22.706	252	40117m	0.648	ng		
39) Benzo(a)pyrene	23.212	252	76617m	1.473	ng		
40) Dibenzo(a,h)anthracene	25.466	278	12347	0.221	ng	#	77
41) Benzo(g,h,i)perylene	26.112	276	49801	0.834	ng		99

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

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