Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028444.D
Acq On : 03 Nov 2023 05:20
Operator : MA/JU
Sample : 05220-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
Z-5(0-5)

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 06:02:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.731	152	11382	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	35182	0.400	ng	#	0.00
13) Acenaphthene-d10	14.363	164	40304m	0.400	ng		0.00
19) Phenanthrene-d10	17.121	188	34482m	0.400	ng		0.00
29) Chrysene-d12	21.346	240	16122m	0.400	ng		0.02
35) Perylene-d12	23.657	264	53418m	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	7412	0.249	ng		0.01
5) Phenol-d6	6.901	99	8958	0.238	ng		0.01
8) Nitrobenzene-d5	8.875	82	6366	0.280	ng		0.00
11) 2-Methylnaphthalene-d10	12.117	152	12122	0.241	ng		0.00
14) 2,4,6-Tribromophenol	15.867	330	1912m	0.122	ng		0.01
15) 2-Fluorobiphenyl	13.006	172	7071m	0.148	ng		0.00
27) Fluoranthene-d10	19.171	212	9060m	0.106	ng		0.01
31) Terphenyl-d14	19.775	244	21948m	0.646	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.573	128	6597156	69.475	ng		99
12) 2-Methylnaphthalene	12.193	142	3062364	46.279	ng		99
16) Acenaphthylene	14.096	152	6136624	30.826	ng		98
17) Acenaphthene	14.438	154	1172840m	9.292	ng		
18) Fluorene	15.619	166	586240	3.413	ng	#	72
25) Phenanthrene	17.183	178	15886565m	155.966	ng		
26) Anthracene	17.257	178	6473164m	66.554	ng		
28) Fluoranthene	19.208	202	11239948m	94.536	ng		
30) Pyrene	19.570	202	14917644	221.840	ng	#	91
32) Benzo(a)anthracene	21.328	228	7337744m	114.689	ng		
33) Chrysene	21.382	228	7356490m	115.429	ng		
34) Bis(2-ethylhexyl)phtha...	21.274	149	52513m	1.588	ng		
36) Indeno(1,2,3-cd)pyrene	26.075	276	4135662m	19.666	ng		
37) Benzo(b)fluoranthene	22.973	252	7482682m	36.004	ng		
38) Benzo(k)fluoranthene	23.011	252	2415014m	11.547	ng		
39) Benzo(a)pyrene	23.575	252	7562677	41.578	ng		96
40) Dibenzo(a,h)anthracene	26.084	278	1270861m	7.440	ng		
41) Benzo(g,h,i)perylene	26.821	276	4473941	24.457	ng		95

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

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