Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033559.D
Acq On : 22 Aug 2024 18:56
Operator : MA/JU
Sample : P3660-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-901-J-0.5-1-081624

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

Quant Time: Aug 23 00:02:50 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	7749	0.400	ng		-0.01
7) Naphthalene-d8	10.304	136	19594	0.400	ng		-0.01
13) Acenaphthene-d10	14.178	164	9500	0.400	ng		-0.01
19) Phenanthrene-d10	16.929	188	19308	0.400	ng		-0.01
29) Chrysene-d12	21.139	240	17490	0.400	ng		0.00
35) Perylene-d12	23.309	264	18970	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	3711	0.151	ng		0.00
5) Phenol-d6	6.736	99	4632	0.158	ng		0.00
8) Nitrobenzene-d5	8.681	82	3065	0.189	ng		-0.01
11) 2-Methylnaphthalene-d10	11.903	152	4681	0.167	ng		-0.01
14) 2,4,6-Tribromophenol	15.676	330	809	0.158	ng		-0.01
15) 2-Fluorobiphenyl	12.799	172	6134	0.158	ng		-0.01
27) Fluoranthene-d10	18.970	212	6368	0.137	ng		-0.01
31) Terphenyl-d14	19.588	244	4082	0.103	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.357	128	2230	0.043	ng	#	89
12) 2-Methylnaphthalene	11.979	142	1173	0.035	ng	#	90
16) Acenaphthylene	13.900	152	6660	0.160	ng		98
17) Acenaphthene	14.242	154	3749	0.128	ng		97
18) Fluorene	15.236	166	5130	0.139	ng		98
25) Phenanthrene	16.966	178	112086	2.087	ng		99
26) Anthracene	17.066	178	26332	0.554	ng		98
28) Fluoranthene	19.003	202	297294	5.008	ng		100
30) Pyrene	19.365	202	277619	3.556	ng	#	95
32) Benzo(a)anthracene	21.121	228	171971	2.720	ng		97
33) Chrysene	21.175	228	160245	2.550	ng		98
34) Bis(2-ethylhexyl)phtha...	21.085	149	9669m	0.242	ng		
36) Indeno(1,2,3-cd)pyrene	25.457	276	122698	1.558	ng		95
37) Benzo(b)fluoranthene	22.665	252	252813	3.569	ng	#	94
38) Benzo(k)fluoranthene	22.706	252	93923m	1.347	ng		
39) Benzo(a)pyrene	23.212	252	181646m	3.099	ng		
40) Dibenzo(a,h)anthracene	25.469	278	30079	0.478	ng		95
41) Benzo(g,h,i)perylene	26.112	276	122111	1.813	ng		99

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

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