Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033038.D
Acq On : 27 Jul 2024 18:26
Operator : MA/JU
Sample : PB162294BS
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162294BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/29/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 29 01:06:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jul 21 23:33:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.524	152	2295	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	8545	0.400	ng	0.02
13) Acenaphthene-d10	14.158	164	5991	0.400	ng	-0.02
19) Phenanthrene-d10	16.945	188	13162	0.400	ng	0.00
29) Chrysene-d12	21.160	240	12950	0.400	ng	# 0.00
35) Perylene-d12	23.347	264	14747	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	2598m	0.448	ng	0.04
5) Phenol-d6	6.867	99	3932m	0.546	ng	0.09
8) Nitrobenzene-d5	8.813	82	2593m	0.403	ng	0.08
11) 2-Methylnaphthalene-d10	11.927	152	5205	0.398	ng	0.01
14) 2,4,6-Tribromophenol	15.728	330	873	0.341	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	7730	0.347	ng	0.00
27) Fluoranthene-d10	18.987	212	13414	0.394	ng	0.00
31) Terphenyl-d14	19.587	244	9482	0.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	1221	0.429	ng	# 90
3) n-Nitrosodimethylamine	3.465	42	897	0.373	ng	# 98
6) bis(2-Chloroethyl)ether	7.012	93	2448	0.406	ng	# 84
9) Naphthalene	10.362	128	8880	0.375	ng	96
10) Hexachlorobutadiene	10.564	225	1830	0.405	ng	# 100
12) 2-Methylnaphthalene	12.007	142	5592	0.362	ng	98
16) Acenaphthylene	13.891	152	8919	0.366	ng	99
17) Acenaphthene	14.222	154	6474	0.375	ng	99
18) Fluorene	15.238	166	8556	0.371	ng	99
20) 4,6-Dinitro-2-methylph...	15.530	198	219m	0.370	ng	
21) 4-Bromophenyl-phenylether	16.138	248	2573	0.333	ng	96
22) Hexachlorobenzene	16.237	284	3179	0.367	ng	99
23) Atrazine	16.424	200	2043	0.359	ng	97
24) Pentachlorophenol	16.647	266	864	0.268	ng	100
25) Phenanthrene	16.982	178	12485	0.347	ng	99
26) Anthracene	17.094	178	8700	0.294	ng	99
28) Fluoranthene	19.015	202	15921	0.366	ng	99
30) Pyrene	19.387	202	16764	0.317	ng	99
32) Benzo(a)anthracene	21.151	228	12870	0.314	ng	100
33) Chrysene	21.196	228	18718	0.385	ng	99
34) Bis(2-ethylhexyl)phtha...	21.026	149	10630m	0.469	ng	
36) Indeno(1,2,3-cd)pyrene	25.560	276	19453	0.335	ng	99
37) Benzo(b)fluoranthene	22.689	252	15584	0.303	ng	96
38) Benzo(k)fluoranthene	22.733	252	19780m	0.337	ng	
39) Benzo(a)pyrene	23.262	252	15268	0.330	ng	94
40) Dibenzo(a,h)anthracene	25.566	278	15535	0.338	ng	100
41) Benzo(g,h,i)perylene	26.235	276	17157	0.337	ng	98

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

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