Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072724\
Data File : BN033057.D
Acq On : 28 Jul 2024 06:36
Operator : MA/JU
Sample : PB162236BS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162236BS

Manual Integrations APPROVED

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

Quant Time: Jul 29 01:13:16 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	3193	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	11413	0.400	ng	# 0.02
13) Acenaphthene-d10	14.158	164	7782	0.400	ng	-0.02
19) Phenanthrene-d10	16.945	188	17027	0.400	ng	0.00
29) Chrysene-d12	21.152	240	14521	0.400	ng	-0.01
35) Perylene-d12	23.347	264	15008	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.235	112	3709m	0.459	ng	0.06
5) Phenol-d6	6.867	99	5179m	0.517	ng	0.09
8) Nitrobenzene-d5	8.824	82	3634m	0.423	ng	0.09
11) 2-Methylnaphthalene-d10	11.927	152	6834	0.391	ng	0.01
14) 2,4,6-Tribromophenol	15.729	330	1028	0.309	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	10817	0.373	ng	0.00
27) Fluoranthene-d10	18.987	212	16768	0.381	ng	0.00
31) Terphenyl-d14	19.591	244	10807	0.363	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.097	88	1754	0.443	ng	# 84
3) n-Nitrosodimethylamine	3.466	42	1357	0.406	ng	# 91
6) bis(2-Chloroethyl)ether	7.026	93	3037m	0.362	ng	
9) Naphthalene	10.372	128	12571	0.398	ng	99
10) Hexachlorobutadiene	10.565	225	2348	0.389	ng	# 100
12) 2-Methylnaphthalene	12.007	142	7672	0.371	ng	97
16) Acenaphthylene	13.891	152	11963	0.378	ng	99
17) Acenaphthene	14.222	154	8879	0.396	ng	99
18) Fluorene	15.238	166	11851	0.395	ng	99
20) 4,6-Dinitro-2-methylph...	15.542	198	325m	0.381	ng	
21) 4-Bromophenyl-phenylether	16.138	248	3636	0.363	ng	98
22) Hexachlorobenzene	16.237	284	3911	0.349	ng	91
23) Atrazine	16.436	200	2686	0.365	ng	96
24) Pentachlorophenol	16.647	266	923	0.222	ng	98
25) Phenanthrene	16.982	178	17139	0.368	ng	99
26) Anthracene	17.094	178	11421	0.298	ng	99
28) Fluoranthene	19.015	202	21467	0.381	ng	100
30) Pyrene	19.387	202	22440	0.378	ng	99
32) Benzo(a)anthracene	21.143	228	15233	0.332	ng	99
33) Chrysene	21.196	228	23285	0.427	ng	99
34) Bis(2-ethylhexyl)phtha...	21.026	149	13129m	0.516	ng	
36) Indeno(1,2,3-cd)pyrene	25.560	276	20743	0.351	ng	98
37) Benzo(b)fluoranthene	22.689	252	18534	0.355	ng	96
38) Benzo(k)fluoranthene	22.733	252	23046	0.386	ng	96
39) Benzo(a)pyrene	23.265	252	17067	0.362	ng	96
40) Dibenzo(a,h)anthracene	25.566	278	16145	0.346	ng	99
41) Benzo(g,h,i)perylene	26.232	276	19066	0.368	ng	97

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

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