Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082622\
Data File : BN021384.D
Acq On : 26 Aug 2022 14:24
Operator : CG/JU
Sample : PB147117BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

Quant Time: Aug 26 23:40:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 23:37:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.083	152	4212	0.400	ng		0.00
7) Naphthalene-d8	10.909	136	12717	0.400	ng		0.00
13) Acenaphthene-d10	14.729	164	6817	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	13969	0.400	ng		0.00
29) Chrysene-d12	21.682	240	10700	0.400	ng		0.00
35) Perylene-d12	24.209	264	7899	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.599	112	3716	0.326	ng		0.00
5) Phenol-d6	7.231	99	4726	0.331	ng		0.00
8) Nitrobenzene-d5	9.254	82	3490	0.363	ng		0.00
11) 2-Methylnaphthalene-d10	12.497	152	10436	0.486	ng		0.00
14) 2,4,6-Tribromophenol	16.219	330	883	0.283	ng		0.00
15) 2-Fluorobiphenyl	13.360	172	12027	0.394	ng		0.00
27) Fluoranthene-d10	19.514	212	14284	0.342	ng		0.00
31) Terphenyl-d14	20.106	244	9709	0.429	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	2295	0.393	ng	#	89
3) n-Nitrosodimethylamine	3.743	42	2141	0.383	ng		93
6) bis(2-Chloroethyl)ether	7.498	93	5510	0.385	ng		99
9) Naphthalene	10.962	128	14809	0.354	ng		99
10) Hexachlorobutadiene	11.251	225	2699	0.391	ng	#	99
12) 2-Methylnaphthalene	12.195	142	2053	0.288	ng		97
16) Acenaphthylene	14.451	152	12199	0.357	ng		99
17) Acenaphthene	14.793	154	8972	0.378	ng		99
18) Fluorene	15.776	166	10858	0.365	ng		100
20) 4,6-Dinitro-2-methylph...	15.605	198	3	0.163	ng		90
21) 4-Bromophenyl-phenylether	16.670	248	3519	0.368	ng	#	91
22) Hexachlorobenzene	16.783	284	4345	0.391	ng		99
23) Atrazine	16.937	200	1881	0.311	ng		98
24) Pentachlorophenol	17.131	266	1010	0.263	ng		97
25) Phenanthrene	17.521	178	18674	0.366	ng		100
26) Anthracene	17.613	178	14388	0.343	ng		99
28) Fluoranthene	19.544	202	19461	0.346	ng		100
30) Pyrene	19.906	202	23027	0.427	ng		96
32) Benzo(a)anthracene	21.664	228	14339	0.354	ng		100
33) Chrysene	21.718	228	17802	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	21.575	149	5888	0.302	ng		98
36) Indeno(1,2,3-cd)pyrene	26.878	276	13580	0.338	ng		100
37) Benzo(b)fluoranthene	23.431	252	14394	0.413	ng		98
38) Benzo(k)fluoranthene	23.481	252	14959m	0.416	ng		
39) Benzo(a)pyrene	24.097	252	10313	0.365	ng		98
40) Dibenzo(a,h)anthracene	26.895	278	10946	0.331	ng		96
41) Benzo(g,h,i)perylene	27.694	276	12164	0.350	ng		99

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

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