Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091022\
Data File : BN021696.D
Acq On : 10 Sep 2022 13:24
Operator : CG/JU
Sample : PB147497BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147497BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/12/2022
Supervised By :Jagrut Upadhyay 09/12/2022

Quant Time: Sep 12 01:09:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 09 23:19:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.062	152	6208	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	20779	0.400	ng	-0.01
13) Acenaphthene-d10	14.718	164	11564	0.400	ng	0.00
19) Phenanthrene-d10	17.460	188	23044	0.400	ng	#-0.01
29) Chrysene-d12	21.655	240	15046	0.400	ng	# 0.00
35) Perylene-d12	24.171	264	11510	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	6911	0.569	ng	0.00
5) Phenol-d6	7.217	99	9406	0.608	ng	0.00
8) Nitrobenzene-d5	9.233	82	6694	0.477	ng	0.00
11) 2-Methylnaphthalene-d10	12.478	152	18670	0.399	ng	0.00
14) 2,4,6-Tribromophenol	16.208	330	1886	0.497	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	18399	0.364	ng	0.00
27) Fluoranthene-d10	19.493	212	22692	0.383	ng	0.00
31) Terphenyl-d14	20.088	244	15124	0.447	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	2714	0.350	ng	# 93
3) n-Nitrosodimethylamine	3.736	42	2867	0.410	ng	# 94
6) bis(2-Chloroethyl)ether	7.477	93	7964	0.409	ng	98
9) Naphthalene	10.941	128	23267	0.378	ng	99
10) Hexachlorobutadiene	11.229	225	3950	0.371	ng	# 99
12) 2-Methylnaphthalene	12.180	142	4922	0.607	ng	# 93
16) Acenaphthylene	14.440	152	21320	0.393	ng	100
17) Acenaphthene	14.771	154	14301	0.374	ng	99
18) Fluorene	15.766	166	17853	0.379	ng	100
21) 4-Bromophenyl-phenylether	16.649	248	5476	0.380	ng	# 91
22) Hexachlorobenzene	16.762	284	6193	0.351	ng	99
23) Atrazine	16.916	200	4476	0.532	ng	96
24) Pentachlorophenol	17.111	266	1583	0.502	ng	99
25) Phenanthrene	17.501	178	28826	0.362	ng	100
26) Anthracene	17.593	178	25028	0.396	ng	99
28) Fluoranthene	19.527	202	30040	0.363	ng	# 97
30) Pyrene	19.889	202	33997	0.424	ng	97
32) Benzo(a)anthracene	21.637	228	23159	0.442	ng	99
33) Chrysene	21.691	228	23028	0.369	ng	99
34) Bis(2-ethylhexyl)phtha...	21.548	149	17575	0.832	ng	99
36) Indeno(1,2,3-cd)pyrene	26.816	276	20291	0.391	ng	99
37) Benzo(b)fluoranthene	23.396	252	18765	0.331	ng	97
38) Benzo(k)fluoranthene	23.445	252	19124m	0.335	ng	
39) Benzo(a)pyrene	24.057	252	15435	0.390	ng	95
40) Dibenzo(a,h)anthracene	26.837	278	16198	0.387	ng	99
41) Benzo(g,h,i)perylene	27.626	276	17110	0.373	ng	96

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

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