Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
Data File : BN025872.D
Acq On : 16 Jun 2023 00:46
Operator : MA/JU
Sample : 03173-10MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OW-06B-74-79-061223MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/16/2023
Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 16 02:19:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 01:41:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	5015	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	13484	0.400	ng	0.00
13) Acenaphthene-d10	14.630	164	7061	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	14828	0.400	ng	# 0.00
29) Chrysene-d12	21.551	240	11411	0.400	ng	# 0.00
35) Perylene-d12	24.016	264	11279	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	1529	0.108	ng	0.02
5) Phenol-d6	7.160	99	1081	0.062	ng	0.00
8) Nitrobenzene-d5	9.170	82	3749	0.299	ng	0.01
11) 2-Methylnaphthalene-d10	12.396	152	7507m	0.387	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	882	0.405	ng	0.00
15) 2-Fluorobiphenyl	13.262	172	10665	0.357	ng	0.00
27) Fluoranthene-d10	19.402	212	14037	0.460	ng	0.00
31) Terphenyl-d14	19.992	244	10749	0.388	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	53980	9.174	ng	# 94
3) n-Nitrosodimethylamine	3.744	42	595	0.079	ng	# 68
6) bis(2-Chloroethyl)ether	7.413	93	5004	0.318	ng	100
9) Naphthalene	10.857	128	13235	0.328	ng	98
10) Hexachlorobutadiene	11.145	225	2375	0.383	ng	# 99
12) 2-Methylnaphthalene	12.468	142	8385	0.327	ng	99
16) Acenaphthylene	14.352	152	11781	0.347	ng	99
17) Acenaphthene	14.694	154	7924	0.355	ng	99
18) Fluorene	15.668	166	10661	0.371	ng	99
20) 4,6-Dinitro-2-methylph...	15.767	198	929	0.347	ng	# 85
21) 4-Bromophenyl-phenylether	16.562	248	3322	0.387	ng	97
22) Hexachlorobenzene	16.686	284	3241	0.441	ng	92
23) Atrazine	16.822	200	2961	0.423	ng	93
24) Pentachlorophenol	17.033	266	2193	0.800	ng	98
25) Phenanthrene	17.418	178	19291	0.424	ng	99
26) Anthracene	17.505	178	15751	0.378	ng	99
28) Fluoranthene	19.435	202	21043	0.468	ng	98
30) Pyrene	19.797	202	22067	0.341	ng	99
32) Benzo(a)anthracene	21.542	228	18545	0.421	ng	99
33) Chrysene	21.587	228	18897	0.405	ng	99
34) Bis(2-ethylhexyl)phtha...	21.444	149	13258	0.505	ng	99
36) Indeno(1,2,3-cd)pyrene	26.595	276	22120	0.453	ng	98
37) Benzo(b)fluoranthene	23.265	252	21687	0.488	ng	97
38) Benzo(k)fluoranthene	23.312	252	20457	0.450	ng	96
39) Benzo(a)pyrene	23.908	252	15773	0.374	ng	97
40) Dibenzo(a,h)anthracene	26.613	278	17226	0.440	ng	97
41) Benzo(g,h,i)perylene	27.387	276	19843	0.453	ng	97

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

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