Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100923\
Data File : BN028189.D
Acq On : 10 Oct 2023 09:14
Operator : MA/JU
Sample : 04622-01MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
I-1(0-5)MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

Quant Time: Oct 10 10:47:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	4889	0.400	ng	# 0.00
7) Naphthalene-d8	10.735	136	15021	0.400	ng	# 0.00
13) Acenaphthene-d10	14.565	164	7991m	0.400	ng	0.00
19) Phenanthrene-d10	17.318	188	15408	0.400	ng	# 0.00
29) Chrysene-d12	21.515	240	16204m	0.400	ng	0.00
35) Perylene-d12	23.984	264	22317m	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.459	112	5618	0.385	ng	0.00
5) Phenol-d6	7.076	99	5002	0.272	ng	-0.01
8) Nitrobenzene-d5	9.112	82	4386	0.343	ng	-0.01
11) 2-Methylnaphthalene-d10	12.317	152	6197	0.278	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	1009	0.276	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	9155	0.318	ng	0.00
27) Fluoranthene-d10	19.365	212	10673	0.276	ng	0.00
31) Terphenyl-d14	19.936	244	13574	0.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.350	88	2191	0.399	ng	# 72
3) n-Nitrosodimethylamine	3.704	42	2802	0.446	ng	# 55
6) bis(2-Chloroethyl)ether	7.358	93	6136	0.414	ng	89
9) Naphthalene	10.799	128	12529106	322.821	ng	100
10) Hexachlorobutadiene	11.002	225	2289	0.332	ng	# 100
12) 2-Methylnaphthalene	12.392	142	1882233	69.327	ng	97
16) Acenaphthylene	14.288	152	1197824	33.837	ng	99
17) Acenaphthene	14.619	154	290131	12.857	ng	98
18) Fluorene	15.606	166	2534472	86.478	ng	100
20) 4,6-Dinitro-2-methylph...	16.772	198	1466	7.158	ng	# 19
21) 4-Bromophenyl-phenylether	16.499	248	2868	0.357	ng	# 8
22) Hexachlorobenzene	16.586	284	2916	0.346	ng	# 25
23) Atrazine	16.772	200	2188	0.312	ng	# 34
24) Pentachlorophenol	16.959	266	12311	3.101	ng	94
25) Phenanthrene	17.368	178	10154524	244.454	ng	99
26) Anthracene	17.455	178	3411401	86.885	ng	# 95
28) Fluoranthene	19.402	202	7861250	163.981	ng	97
30) Pyrene	19.760	202	6896562	116.067	ng	98
32) Benzo(a)anthracene	21.497	228	3759983	68.191	ng	98
33) Chrysene	21.560	228	3142536	59.139	ng	96
34) Bis(2-ethylhexyl)phtha...	21.372	149	16353	0.451	ng	95
36) Indeno(1,2,3-cd)pyrene	26.568	276	1689004	22.500	ng	98
37) Benzo(b)fluoranthene	23.224	252	3344429	46.401	ng	# 89
38) Benzo(k)fluoranthene	23.267	252	1520839m	20.803	ng	
39) Benzo(a)pyrene	23.876	252	2834812	41.595	ng	# 84
40) Dibenzo(a,h)anthracene	26.580	278	509888	8.303	ng	94
41) Benzo(g,h,i)perylene	27.384	276	1572550	24.948	ng	94

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

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