Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028999.D
Acq On : 03 Dec 2023 00:47
Operator : MA/JU
Sample : 05404-19MSD
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE108D1-20231109MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 03 08:17:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	1942	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	5554	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3568	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	8329	0.400	ng	#-0.01
29) Chrysene-d12	21.356	240	6987	0.400	ng	#-0.02
35) Perylene-d12	23.673	264	6690	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	647	0.110	ng	-0.01
5) Phenol-d6	6.995	99	505	0.077	ng	-0.01
8) Nitrobenzene-d5	8.950	82	1696	0.307	ng	-0.02
11) 2-Methylnaphthalene-d10	12.155	152	3096	0.347	ng	-0.02
14) 2,4,6-Tribromophenol	15.905	330	618	0.256	ng	-0.01
15) 2-Fluorobiphenyl	13.038	172	4410	0.286	ng	-0.01
27) Fluoranthene-d10	19.190	212	8162	0.373	ng	-0.02
31) Terphenyl-d14	19.799	244	7698	0.391	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	4217	2.217	ng	# 90
3) n-Nitrosodimethylamine	3.723	42	247m	0.174	ng	
6) bis(2-Chloroethyl)ether	7.240	93	1643	0.299	ng	96
9) Naphthalene	10.616	128	4665	0.264	ng	97
10) Hexachlorobutadiene	10.883	225	754	0.209	ng	# 98
12) 2-Methylnaphthalene	12.231	142	3090	0.279	ng	97
16) Acenaphthylene	14.129	152	5563	0.294	ng	99
17) Acenaphthene	14.471	154	3407	0.272	ng	99
18) Fluorene	15.455	166	5296	0.333	ng	95
20) 4,6-Dinitro-2-methylph...	15.558	198	394	0.215	ng	# 76
21) 4-Bromophenyl-phenylether	16.352	248	1667	0.291	ng	# 78
22) Hexachlorobenzene	16.451	284	1869	0.266	ng	95
23) Atrazine	16.650	200	1709	0.341	ng	95
24) Pentachlorophenol	16.811	266	1158	0.353	ng	96
25) Phenanthrene	17.196	178	8579	0.312	ng	97
26) Anthracene	17.283	178	7710	0.303	ng	99
28) Fluoranthene	19.223	202	10774	0.377	ng	# 97
30) Pyrene	19.585	202	11093	0.302	ng	99
32) Benzo(a)anthracene	21.338	228	9618	0.324	ng	94
33) Chrysene	21.392	228	9411	0.323	ng	94
34) Bis(2-ethylhexyl)phtha...	21.284	149	8530	0.068	ng	# 85
36) Indeno(1,2,3-cd)pyrene	26.049	276	10045	0.345	ng	# 93
37) Benzo(b)fluoranthene	22.968	252	9431	0.345	ng	# 32
38) Benzo(k)fluoranthene	23.015	252	8534	0.330	ng	# 31
39) Benzo(a)pyrene	23.570	252	7325	0.300	ng	# 27
40) Dibenzo(a,h)anthracene	26.079	278	7946	0.352	ng	# 29
41) Benzo(g,h,i)perylene	26.786	276	8148	0.321	ng	# 72

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

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