Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028221.D
Acq On : 11 Oct 2023 06:35
Operator : MA/JU
Sample : 04767-01MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

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

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 07:29:34 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	7.922	152	3567	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	11157	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	6716	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	11938	0.400	ng	# 0.00
29) Chrysene-d12	21.515	240	13718	0.400	ng	# 0.00
35) Perylene-d12	23.987	264	15861	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3314	0.312	ng	0.00
5) Phenol-d6	7.084	99	4100	0.305	ng	0.00
8) Nitrobenzene-d5	9.123	82	2977	0.314	ng	0.00
11) 2-Methylnaphthalene-d10	12.317	152	6769m	0.409	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	921	0.299	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	6534	0.270	ng	0.00
27) Fluoranthene-d10	19.356	212	8861	0.296	ng	0.00
31) Terphenyl-d14	19.941	244	8410	0.263	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.350	88	1405	0.351	ng	# 66
3) n-Nitrosodimethylamine	3.704	42	1718	0.375	ng	95
6) bis(2-Chloroethyl)ether	7.358	93	4308	0.398	ng	97
9) Naphthalene	10.789	128	88805	3.081	ng	99
10) Hexachlorobutadiene	11.002	225	2035	0.398	ng	# 100
12) 2-Methylnaphthalene	12.392	142	48978	2.429	ng	99
16) Acenaphthylene	14.288	152	393050	13.211	ng	100
17) Acenaphthene	14.630	154	59188	3.121	ng	99
18) Fluorene	15.606	166	99984	4.059	ng	92
20) 4,6-Dinitro-2-methylph...	16.773	198	628	3.958	ng	# 43
21) 4-Bromophenyl-phenylether	16.500	248	2600	0.418	ng	92
22) Hexachlorobenzene	16.586	284	2860	0.438	ng	# 91
23) Atrazine	16.773	200	2439	0.449	ng	# 86
24) Pentachlorophenol	16.959	266	13087	4.255	ng	94
25) Phenanthrene	17.368	178	1095204	34.029	ng	99
26) Anthracene	17.455	178	472522	15.533	ng	# 95
28) Fluoranthene	19.388	202	1588725	42.773	ng	99
30) Pyrene	19.755	202	1853273	36.842	ng	99
32) Benzo(a)anthracene	21.498	228	1053525	22.569	ng	98
33) Chrysene	21.551	228	909039	20.207	ng	97
34) Bis(2-ethylhexyl)phtha...	21.372	149	16234	0.529	ng	# 88
36) Indeno(1,2,3-cd)pyrene	26.580	276	528035	9.897	ng	97
37) Benzo(b)fluoranthene	23.224	252	1012528	19.766	ng	# 89
38) Benzo(k)fluoranthene	23.271	252	400588m	7.710	ng	
39) Benzo(a)pyrene	23.876	252	887112m	18.315	ng	
40) Dibenzo(a,h)anthracene	26.580	278	168865	3.869	ng	98
41) Benzo(g,h,i)perylene	27.393	276	531714	11.869	ng	95

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

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