Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028202.D
Acq On : 10 Oct 2023 18:03
Operator : MA/JU
Sample : 04657-09MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
W-2(0-2IN)MSD

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

Quant Time: Oct 10 18:42:01 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	3863	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	12670m	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	6786	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	12641	0.400	ng	0.00
29) Chrysene-d12	21.515	240	11942m	0.400	ng	0.00
35) Perylene-d12	23.984	264	17597m	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3410	0.296	ng	0.00
5) Phenol-d6	7.084	99	4394	0.302	ng	0.00
8) Nitrobenzene-d5	9.112	82	8705	0.807	ng	-0.01
11) 2-Methylnaphthalene-d10	12.317	152	6556m	0.349	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	856	0.275	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	6826	0.279	ng	0.00
27) Fluoranthene-d10	19.356	212	7735	0.244	ng	0.00
31) Terphenyl-d14	19.941	244	8236	0.296	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	1654	0.382	ng	# 66
3) n-Nitrosodimethylamine	3.704	42	1981	0.399	ng	# 98
6) bis(2-Chloroethyl)ether	7.358	93	4900	0.418	ng	100
9) Naphthalene	10.789	128	188893	5.770	ng	98
10) Hexachlorobutadiene	11.002	225	2102	0.362	ng	# 100
12) 2-Methylnaphthalene	12.392	142	75846	3.312	ng	99
16) Acenaphthylene	14.288	152	722072	24.020	ng	100
17) Acenaphthene	14.630	154	56195	2.932	ng	99
18) Fluorene	15.606	166	133057	5.346	ng	88
20) 4,6-Dinitro-2-methylph...	16.772	198	661	3.934	ng	# 41
21) 4-Bromophenyl-phenylether	16.499	248	2662	0.404	ng	# 87
22) Hexachlorobenzene	16.586	284	2790	0.404	ng	# 83
23) Atrazine	16.772	200	2558	0.444	ng	# 82
24) Pentachlorophenol	16.959	266	15325	4.705	ng	94
25) Phenanthrene	17.368	178	1105059	32.426	ng	99
26) Anthracene	17.455	178	667175	20.712	ng	97
28) Fluoranthene	19.388	202	1847581	46.975	ng	99
30) Pyrene	19.755	202	2216741	50.622	ng	98
32) Benzo(a)anthracene	21.497	228	1348444	33.183	ng	98
33) Chrysene	21.560	228	1184069	30.235	ng	97
34) Bis(2-ethylhexyl)phtha...	21.372	149	69249	2.591	ng	98
36) Indeno(1,2,3-cd)pyrene	26.577	276	830367	14.029	ng	97
37) Benzo(b)fluoranthene	23.224	252	1530978	26.939	ng	# 89
38) Benzo(k)fluoranthene	23.270	252	578787m	10.041	ng	
39) Benzo(a)pyrene	23.876	252	1361379m	25.333	ng	
40) Dibenzo(a,h)anthracene	26.586	278	256680	5.301	ng	96
41) Benzo(g,h,i)perylene	27.393	276	881458	17.735	ng	95

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

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