Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
Data File : BN023629.D
Acq On : 12 Jan 2023 02:55
Operator : CG/JU
Sample : 01093-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT-214-IDWSO-20230109-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

Quant Time: Jan 12 03:55:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 00:22:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	4521	0.400	ng	0.00
7) Naphthalene-d8	10.765	136	13574	0.400	ng	0.00
13) Acenaphthene-d10	14.591	164	7943	0.400	ng	0.00
19) Phenanthrene-d10	17.340	188	17238	0.400	ng	0.00
29) Chrysene-d12	21.531	240	15792	0.400	ng	0.00
35) Perylene-d12	23.955	264	12313	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.493	112	3744	0.417	ng	0.00
5) Phenol-d6	7.111	99	4810	0.416	ng	0.00
8) Nitrobenzene-d5	9.110	82	3149	0.308	ng	0.00
11) 2-Methylnaphthalene-d10	12.352	152	7375m	0.394	ng	0.00
14) 2,4,6-Tribromophenol	16.086	330	1037	0.301	ng	0.00
15) 2-Fluorobiphenyl	13.223	172	9943	0.310	ng	0.00
27) Fluoranthene-d10	19.376	212	13967	0.331	ng	0.00
31) Terphenyl-d14	19.970	244	14392	0.360	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	1337	0.330	ng	# 68
3) n-Nitrosodimethylamine	3.666	42	1670	0.367	ng	# 86
6) bis(2-Chloroethyl)ether	7.363	93	4545	0.373	ng	100
9) Naphthalene	10.808	128	12591	0.351	ng	100
10) Hexachlorobutadiene	11.096	225	2409	0.332	ng	# 100
12) 2-Methylnaphthalene	12.424	142	9099	0.353	ng	99
16) Acenaphthylene	14.314	152	9716	0.303	ng	100
17) Acenaphthene	14.656	154	7611	0.324	ng	99
18) Fluorene	15.639	166	10356	0.328	ng	98
20) 4,6-Dinitro-2-methylph...	15.726	198	548	0.292	ng	# 91
21) 4-Bromophenyl-phenylether	16.533	248	3650	0.371	ng	92
22) Hexachlorobenzene	16.645	284	4111	0.335	ng	100
23) Atrazine	16.806	200	2261	0.333	ng	99
24) Pentachlorophenol	16.992	266	1031	0.243	ng	98
25) Phenanthrene	17.377	178	16925	0.335	ng	99
26) Anthracene	17.477	178	13609	0.336	ng	99
28) Fluoranthene	19.406	202	19831	0.348	ng	98
30) Pyrene	19.768	202	20729	0.343	ng	100
32) Benzo(a)anthracene	21.513	228	18081	0.354	ng	99
33) Chrysene	21.567	228	18761	0.334	ng	99
34) Bis(2-ethylhexyl)phtha...	21.441	149	14685	0.616	ng	99
36) Indeno(1,2,3-cd)pyrene	26.481	276	16723	0.303	ng	100
37) Benzo(b)fluoranthene	23.213	252	18843	0.358	ng	99
38) Benzo(k)fluoranthene	23.262	252	17217	0.336	ng	98
39) Benzo(a)pyrene	23.847	252	14096	0.355	ng	98
40) Dibenzo(a,h)anthracene	26.499	278	14187	0.321	ng	99
41) Benzo(g,h,i)perylene	27.259	276	14918	0.330	ng	99

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

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