Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080223\
Data File : BN026791.D
Acq On : 02 Aug 2023 10:16
Operator : MA/JU
Sample : 03709-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 00:44:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:35:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.117	152	8930	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	25151	0.400	ng		-0.01
13) Acenaphthene-d10	14.737	164	11341	0.400	ng		-0.01
19) Phenanthrene-d10	17.480	188	20219	0.400	ng		#-0.01
29) Chrysene-d12	21.659	240	11588	0.400	ng		#-0.02
35) Perylene-d12	24.218	264	9769	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.625	112	2984	0.132	ng		0.00
5) Phenol-d6	7.236	99	2247	0.077	ng		0.00
8) Nitrobenzene-d5	9.294	82	5941	0.399	ng		-0.01
11) 2-Methylnaphthalene-d10	12.513	152	12611m	0.350	ng		-0.01
14) 2,4,6-Tribromophenol	16.226	330	1139	0.295	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	18492	0.399	ng		-0.01
27) Fluoranthene-d10	19.504	212	15327	0.316	ng		0.00
31) Terphenyl-d14	20.094	244	13403	0.555	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.487	88	38540	3.697	ng		98
3) n-Nitrosodimethylamine	3.819	42	1898	0.163	ng	#	93
6) bis(2-Chloroethyl)ether	7.539	93	9165	0.347	ng		99
9) Naphthalene	10.992	128	24707	0.357	ng		100
10) Hexachlorobutadiene	11.237	225	4269	0.340	ng	#	99
12) 2-Methylnaphthalene	12.589	142	15262	0.323	ng		98
16) Acenaphthylene	14.469	152	19531	0.348	ng		100
17) Acenaphthene	14.801	154	12534	0.356	ng		98
18) Fluorene	15.780	166	15244	0.333	ng		100
20) 4,6-Dinitro-2-methylph...	16.934	198	119	0.364	ng	#	1
21) 4-Bromophenyl-phenylether	16.673	248	4594	0.376	ng	#	92
22) Hexachlorobenzene	16.748	284	5405	0.387	ng		100
23) Atrazine	16.934	200	2857	0.354	ng	#	82
24) Pentachlorophenol	17.108	266	2822	0.787	ng		99
25) Phenanthrene	17.530	178	24315	0.396	ng		100
26) Anthracene	17.617	178	20233	0.369	ng		99
28) Fluoranthene	19.537	202	23474	0.343	ng		99
30) Pyrene	19.899	202	24035	0.480	ng		100
32) Benzo(a)anthracene	21.650	228	16750	0.421	ng		99
33) Chrysene	21.704	228	17270	0.393	ng		99
34) Bis(2-ethylhexyl)phtha...	21.551	149	9474	0.719	ng		99
36) Indeno(1,2,3-cd)pyrene	26.922	276	14977	0.376	ng		100
37) Benzo(b)fluoranthene	23.426	252	15375	0.400	ng		97
38) Benzo(k)fluoranthene	23.481	252	14972	0.379	ng	#	96
39) Benzo(a)pyrene	24.104	252	11963	0.341	ng		96
40) Dibenzo(a,h)anthracene	26.954	278	11533	0.372	ng		95
41) Benzo(g,h,i)perylene	27.764	276	14274	0.389	ng		97

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

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