Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022947.D
Acq On : 29 Nov 2022 11:32
Operator : CG/JU
Sample : N5671-17MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D3-20221116MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 30 00:42:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 05:14:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	7548	0.400	ng	0.00
7) Naphthalene-d8	10.883	136	19576	0.400	ng	0.00
13) Acenaphthene-d10	14.698	164	8961	0.400	ng	0.00
19) Phenanthrene-d10	17.439	188	16796	0.400	ng	-0.01
29) Chrysene-d12	21.634	240	10804	0.400	ng	0.00
35) Perylene-d12	24.118	264	8786	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.601	112	2116	0.108	ng	0.00
5) Phenol-d6	7.212	99	2094	0.084	ng	0.00
8) Nitrobenzene-d5	9.228	82	5296	0.348	ng	0.00
11) 2-Methylnaphthalene-d10	12.465	152	12368m	0.291	ng	0.00
14) 2,4,6-Tribromophenol	16.186	330	953	0.220	ng	0.00
15) 2-Fluorobiphenyl	13.330	172	15155	0.370	ng	0.00
27) Fluoranthene-d10	19.473	212	14834	0.325	ng	0.00
31) Terphenyl-d14	20.067	244	10995	0.433	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.442	88	4468	0.466	ng	# 94
3) n-Nitrosodimethylamine	3.774	42	1044	0.101	ng	# 93
6) bis(2-Chloroethyl)ether	7.479	93	7723	0.329	ng	99
9) Naphthalene	10.936	128	19151	0.318	ng	99
10) Hexachlorobutadiene	11.224	225	3472	0.281	ng	# 99
12) 2-Methylnaphthalene	12.151	142	2492	0.203	ng	# 94
16) Acenaphthylene	14.420	152	14205m	0.299	ng	
17) Acenaphthene	14.763	154	10258	0.329	ng	97
18) Fluorene	15.739	166	12784	0.320	ng	99
20) 4,6-Dinitro-2-methylph...	15.813	198	503	0.268	ng	97
21) 4-Bromophenyl-phenylether	16.633	248	4876	0.402	ng	99
22) Hexachlorobenzene	16.757	284	5411	0.366	ng	99
23) Atrazine	16.893	200	2858	0.334	ng	96
24) Pentachlorophenol	17.092	266	867	0.214	ng	99
25) Phenanthrene	17.489	178	21488	0.368	ng	99
26) Anthracene	17.576	178	17805	0.351	ng	99
28) Fluoranthene	19.503	202	21667	0.349	ng	99
30) Pyrene	19.865	202	21780	0.387	ng	100
32) Benzo(a)anthracene	21.616	228	16412	0.376	ng	100
33) Chrysene	21.670	228	18249	0.403	ng	100
34) Bis(2-ethylhexyl)phtha...	21.545	149	7296	0.416	ng	99
36) Indeno(1,2,3-cd)pyrene	26.731	276	14788	0.406	ng	98
37) Benzo(b)fluoranthene	23.358	252	17117m	0.436	ng	
38) Benzo(k)fluoranthene	23.407	252	17632	0.415	ng	96
39) Benzo(a)pyrene	24.007	252	12292	0.411	ng	# 92
40) Dibenzo(a,h)anthracene	26.749	278	12395	0.428	ng	95
41) Benzo(g,h,i)perylene	27.524	276	11242	0.360	ng	97

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

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