Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022724\
Data File : BN030094.D
Acq On : 27 Feb 2024 16:32
Operator : MA/JU
Sample : P1578-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT161S1-20240221MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 28 00:20:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3365	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	9052	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	3932	0.400	ng	0.00
19) Phenanthrene-d10	17.243	188	8094	0.400	ng	#-0.01
29) Chrysene-d12	21.447	240	7581	0.400	ng	0.00
35) Perylene-d12	23.812	264	7826	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1401	0.173	ng	0.00
5) Phenol-d6	7.024	99	874	0.094	ng	0.00
8) Nitrobenzene-d5	9.014	82	3400	0.451	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	5885	0.477	ng	0.00
14) 2,4,6-Tribromophenol	15.989	330	568	0.450	ng	-0.01
15) 2-Fluorobiphenyl	13.121	172	7272	0.431	ng	0.00
27) Fluoranthene-d10	19.285	212	10695	0.546	ng	0.00
31) Terphenyl-d14	19.893	244	8197	0.436	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	3426	0.723	ng	# 57
3) n-Nitrosodimethylamine	3.687	42	766	0.198	ng	# 92
6) bis(2-Chloroethyl)ether	7.291	93	3885	0.437	ng	97
9) Naphthalene	10.690	128	10294	0.399	ng	99
10) Hexachlorobutadiene	10.968	225	1719	0.352	ng	# 98
12) 2-Methylnaphthalene	12.314	142	6161	0.407	ng	99
16) Acenaphthylene	14.212	152	7779	0.417	ng	99
17) Acenaphthene	14.554	154	4954	0.395	ng	98
18) Fluorene	15.542	166	6427	0.409	ng	100
20) 4,6-Dinitro-2-methylph...	15.642	198	407	0.342	ng	# 77
21) 4-Bromophenyl-phenylether	16.449	248	1854m	0.385	ng	
22) Hexachlorobenzene	16.548	284	2377	0.402	ng	94
23) Atrazine	16.722	200	1698	0.496	ng	95
24) Pentachlorophenol	16.895	266	2374	1.268	ng	99
25) Phenanthrene	17.293	178	10906	0.456	ng	99
26) Anthracene	17.379	178	9442	0.463	ng	100
28) Fluoranthene	19.313	202	13881	0.516	ng	100
30) Pyrene	19.675	202	14691	0.421	ng	100
32) Benzo(a)anthracene	21.438	228	12536	0.484	ng	99
33) Chrysene	21.483	228	14208	0.483	ng	99
34) Bis(2-ethylhexyl)phtha...	21.384	149	7961	0.451	ng	98
36) Indeno(1,2,3-cd)pyrene	26.256	276	14667	0.466	ng	93
37) Benzo(b)fluoranthene	23.093	252	13404	0.479	ng	99
38) Benzo(k)fluoranthene	23.142	252	14235	0.486	ng	100
39) Benzo(a)pyrene	23.709	252	12357	0.507	ng	99
40) Dibenzo(a,h)anthracene	26.288	278	11544	0.461	ng	98
41) Benzo(g,h,i)perylene	26.993	276	13152	0.431	ng	99

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

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