Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032224\
Data File : BN030462.D
Acq On : 22 Mar 2024 01:06
Operator : MA/JU
Sample : P1764-10MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
COMP-1MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/22/2024
Supervised By :mohammad ahmed 03/26/2024

Quant Time: Mar 22 01:57:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN032224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 22 00:01:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	13824	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	37662	0.400	ng	0.00
13) Acenaphthene-d10	14.361	164	18649	0.400	ng	0.00
19) Phenanthrene-d10	17.106	188	37511	0.400	ng	0.00
29) Chrysene-d12	21.304	240	23436	0.400	ng	# 0.00
35) Perylene-d12	23.557	264	19409	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	9245	0.271	ng	0.00
5) Phenol-d6	6.886	99	12388	0.277	ng	0.00
8) Nitrobenzene-d5	8.875	82	8176	0.282	ng	0.00
11) 2-Methylnaphthalene-d10	12.102	152	20960m	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.853	330	1623	0.239	ng	0.00
15) 2-Fluorobiphenyl	12.982	172	23400	0.291	ng	-0.01
27) Fluoranthene-d10	19.145	212	24035	0.257	ng	0.00
31) Terphenyl-d14	19.754	244	15662	0.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	4679	0.262	ng	# 83
3) n-Nitrosodimethylamine	3.557	42	5389	0.313	ng	# 94
6) bis(2-Chloroethyl)ether	7.154	93	14188	0.332	ng	100
9) Naphthalene	10.562	128	37545	0.345	ng	100
10) Hexachlorobutadiene	10.850	225	6359	0.314	ng	# 99
12) 2-Methylnaphthalene	12.178	142	23669	0.340	ng	99
16) Acenaphthylene	14.083	152	32633	0.341	ng	100
17) Acenaphthene	14.425	154	20765	0.323	ng	99
18) Fluorene	15.409	166	27004	0.315	ng	100
20) 4,6-Dinitro-2-methylph...	15.484	198	1070	0.399	ng	89
21) 4-Bromophenyl-phenylether	16.312	248	8577	0.353	ng	# 91
22) Hexachlorobenzene	16.411	284	9797	0.334	ng	99
23) Atrazine	16.585	200	5559	0.318	ng	97
24) Pentachlorophenol	16.759	266	3282	0.466	ng	99
25) Phenanthrene	17.144	178	46371	0.386	ng	100
26) Anthracene	17.243	178	36507	0.345	ng	99
28) Fluoranthene	19.173	202	54859	0.404	ng	100
30) Pyrene	19.536	202	55154	0.471	ng	99
32) Benzo(a)anthracene	21.286	228	39539	0.417	ng	99
33) Chrysene	21.340	228	40601	0.403	ng	99
34) Bis(2-ethylhexyl)phtha...	21.241	149	20586	0.512	ng	99
36) Indeno(1,2,3-cd)pyrene	25.844	276	29925	0.381	ng	100
37) Benzo(b)fluoranthene	22.879	252	36459	0.428	ng	98
38) Benzo(k)fluoranthene	22.926	252	34089	0.402	ng	98
39) Benzo(a)pyrene	23.458	252	28425	0.432	ng	100
40) Dibenzo(a,h)anthracene	25.861	278	22193	0.352	ng	99
41) Benzo(g,h,i)perylene	26.534	276	25336	0.364	ng	100

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

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