Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030283.D
Acq On : 06 Mar 2024 03:18
Operator : MA/JU
Sample : PB159312BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159312BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/06/2024
Supervised By :mohammad ahmed 03/08/2024

Quant Time: Mar 06 03:44:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	1869	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	4670	0.400	ng	# 0.00
13) Acenaphthene-d10	14.458	164	2264	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	4104	0.400	ng	0.00
29) Chrysene-d12	21.434	240	2845	0.400	ng	0.00
35) Perylene-d12	23.793	264	3443	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1397	0.285	ng	0.00
5) Phenol-d6	6.981	99	1456	0.282	ng	0.00
8) Nitrobenzene-d5	8.971	82	1443	0.339	ng	0.00
11) 2-Methylnaphthalene-d10	12.201	152	3061	0.452	ng	0.00
14) 2,4,6-Tribromophenol	15.965	330	299	0.257	ng	0.00
15) 2-Fluorobiphenyl	13.089	172	3199	0.340	ng	0.00
27) Fluoranthene-d10	19.262	212	3186	0.283	ng	0.00
31) Terphenyl-d14	19.875	244	2548	0.345	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	597	0.246	ng	# 61
3) n-Nitrosodimethylamine	3.651	42	760	0.297	ng	# 97
6) bis(2-Chloroethyl)ether	7.248	93	1225	0.299	ng	99
9) Naphthalene	10.648	128	4026	0.309	ng	99
10) Hexachlorobutadiene	10.925	225	937	0.315	ng	# 99
12) 2-Methylnaphthalene	12.276	142	2497	0.310	ng	99
16) Acenaphthylene	14.180	152	3678	0.337	ng	99
17) Acenaphthene	14.522	154	2179	0.309	ng	99
18) Fluorene	15.518	166	2552	0.301	ng	99
20) 4,6-Dinitro-2-methylph...	15.617	198	220	0.258	ng	# 83
21) 4-Bromophenyl-phenylether	16.424	248	772	0.308	ng	# 73
22) Hexachlorobenzene	16.511	284	944	0.326	ng	99
23) Atrazine	16.709	200	680	0.306	ng	92
24) Pentachlorophenol	16.871	266	810	0.536	ng	95
25) Phenanthrene	17.256	178	3711	0.316	ng	98
26) Anthracene	17.355	178	3319	0.308	ng	99
28) Fluoranthene	19.294	202	3879	0.271	ng	100
30) Pyrene	19.657	202	3973	0.333	ng	99
32) Benzo(a)anthracene	21.425	228	3178	0.319	ng	99
33) Chrysene	21.470	228	3555	0.329	ng	99
34) Bis(2-ethylhexyl)phtha...	21.371	149	2346	0.295	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.214	276	4991	0.346	ng	# 77
37) Benzo(b)fluoranthene	23.079	252	3595	0.299	ng	95
38) Benzo(k)fluoranthene	23.129	252	3912m	0.320	ng	
39) Benzo(a)pyrene	23.691	252	3499	0.329	ng	99
40) Dibenzo(a,h)anthracene	26.255	278	3812	0.336	ng	97
41) Benzo(g,h,i)perylene	26.956	276	4347	0.332	ng	98

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

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