Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011924\
Data File : BN029317.D
Acq On : 19 Jan 2024 23:07
Operator : MA/JU
Sample : PB158516BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158516BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/23/2024
Supervised By :mohammad ahmed 01/24/2024

Quant Time: Jan 19 23:44:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 18 16:49:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	3493	0.400	ng	0.00
7) Naphthalene-d8	10.744	136	9654	0.400	ng	0.00
13) Acenaphthene-d10	14.575	164	5361	0.400	ng	0.00
19) Phenanthrene-d10	17.330	188	13134	0.400	ng	0.00
29) Chrysene-d12	21.528	240	10715	0.400	ng	# 0.00
35) Perylene-d12	23.935	264	10280	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.514	112	3274	0.378	ng	0.00
5) Phenol-d6	7.103	99	4347	0.378	ng	0.00
8) Nitrobenzene-d5	9.099	82	2621	0.293	ng	0.00
11) 2-Methylnaphthalene-d10	12.329	152	5941m	0.361	ng	0.00
14) 2,4,6-Tribromophenol	16.064	330	713	0.434	ng	0.00
15) 2-Fluorobiphenyl	13.207	172	7560	0.303	ng	0.00
27) Fluoranthene-d10	19.359	212	10507	0.264	ng	0.00
31) Terphenyl-d14	19.968	244	8491	0.316	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	1339	0.314	ng	# 56
3) n-Nitrosodimethylamine	3.745	42	1205	0.284	ng	# 96
6) bis(2-Chloroethyl)ether	7.378	93	3180	0.295	ng	100
9) Naphthalene	10.786	128	8249	0.274	ng	99
10) Hexachlorobutadiene	11.064	225	1727	0.265	ng	# 100
12) 2-Methylnaphthalene	12.405	142	5239	0.259	ng	98
16) Acenaphthylene	14.297	152	7996	0.293	ng	100
17) Acenaphthene	14.639	154	5047	0.273	ng	99
18) Fluorene	15.617	166	6916	0.273	ng	99
20) 4,6-Dinitro-2-methylph...	15.704	198	426	0.328	ng	# 84
21) 4-Bromophenyl-phenylether	16.523	248	2323	0.332	ng	98
22) Hexachlorobenzene	16.622	284	3009	0.263	ng	99
23) Atrazine	16.796	200	1683	0.261	ng	96
24) Pentachlorophenol	16.970	266	1335	0.378	ng	95
25) Phenanthrene	17.367	178	11989	0.273	ng	99
26) Anthracene	17.454	178	10167	0.265	ng	100
28) Fluoranthene	19.392	202	13209	0.246	ng	99
30) Pyrene	19.754	202	13202	0.292	ng	100
32) Benzo(a)anthracene	21.510	228	11412	0.276	ng	99
33) Chrysene	21.564	228	12204	0.276	ng	98
34) Bis(2-ethylhexyl)phtha...	21.456	149	4979	0.267	ng	100
36) Indeno(1,2,3-cd)pyrene	26.431	276	12310	0.268	ng	99
37) Benzo(b)fluoranthene	23.201	252	11929	0.275	ng	96
38) Benzo(k)fluoranthene	23.250	252	11245	0.267	ng	97
39) Benzo(a)pyrene	23.826	252	9019	0.259	ng	# 95
40) Dibenzo(a,h)anthracene	26.458	278	9948	0.268	ng	95
41) Benzo(g,h,i)perylene	27.192	276	10534	0.269	ng	98

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

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