Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
Data File : BN029154.D
Acq On : 21 Dec 2023 17:21
Operator : MA/JU
Sample : PB157944BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157944BS

Quant Time: Dec 21 23:26:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	933	0.400	ng		0.00
7) Naphthalene-d8	10.583	136	1732	0.400	ng		0.00
13) Acenaphthene-d10	14.425	164	922	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1504	0.400	ng		0.00
29) Chrysene-d12	21.393	240	656	0.400	ng		0.00
35) Perylene-d12	23.709	264	908	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	409	0.183	ng		0.00
5) Phenol-d6	7.002	99	508	0.207	ng		0.00
8) Nitrobenzene-d5	8.971	82	354	0.157	ng		0.01
11) 2-Methylnaphthalene-d10	12.174	152	840	0.320	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	271	0.336	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	1454	0.270	ng		0.00
27) Fluoranthene-d10	19.224	212	1143	0.314	ng		0.00
31) Terphenyl-d14	19.833	244	685	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	89	0.101	ng	#	38
3) n-Nitrosodimethylamine	3.723	42	59	0.098	ng	#	1
6) bis(2-Chloroethyl)ether	7.248	93	141	0.074	ng		91
9) Naphthalene	10.626	128	586	0.104	ng	#	81
10) Hexachlorobutadiene	10.893	225	158	0.085	ng	#	97
12) 2-Methylnaphthalene	12.246	142	581	0.157	ng		97
16) Acenaphthylene	14.147	152	1450	0.223	ng		97
17) Acenaphthene	14.490	154	806	0.207	ng		99
18) Fluorene	15.484	166	1244	0.237	ng		99
20) 4,6-Dinitro-2-methylph...	15.592	198	85	0.181	ng	#	88
21) 4-Bromophenyl-phenylether	16.386	248	387	0.249	ng		98
22) Hexachlorobenzene	16.473	284	460	0.254	ng		96
23) Atrazine	16.672	200	403	0.309	ng		96
24) Pentachlorophenol	16.846	266	527	0.491	ng		94
25) Phenanthrene	17.230	178	1738	0.280	ng		97
26) Anthracene	17.317	178	1685	0.281	ng		97
28) Fluoranthene	19.252	202	1598	0.249	ng		99
30) Pyrene	19.615	202	1578	0.305	ng		98
32) Benzo(a)anthracene	21.375	228	1164	0.323	ng		100
33) Chrysene	21.429	228	1140	0.320	ng		99
34) Bis(2-ethylhexyl)phtha...	21.313	149	1213	0.250	ng	#	95
36) Indeno(1,2,3-cd)pyrene	26.092	276	2216	0.379	ng	#	65
37) Benzo(b)fluoranthene	23.008	252	1486	0.322	ng		99
38) Benzo(k)fluoranthene	23.054	252	1488	0.329	ng		99
39) Benzo(a)pyrene	23.610	252	1436	0.348	ng		97
40) Dibenzo(a,h)anthracene	26.121	278	1664	0.370	ng		95
41) Benzo(g,h,i)perylene	26.820	276	1821	0.368	ng		97

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

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