Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029141.D
Acq On : 20 Dec 2023 19:00
Operator : MA/JU
Sample : PB157548BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157548BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 21 01:10:10 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	802	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	1463	0.400	ng		-0.01
13) Acenaphthene-d10	14.425	164	663	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1189	0.400	ng		0.00
29) Chrysene-d12	21.384	240	576	0.400	ng		0.00
35) Perylene-d12	23.703	264	719	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.413	112	649	0.338	ng		0.00
5) Phenol-d6	7.002	99	676	0.320	ng		0.00
8) Nitrobenzene-d5	8.961	82	707	0.371	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	914	0.412	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	165	0.285	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	1456	0.376	ng		0.00
27) Fluoranthene-d10	19.220	212	958	0.333	ng		0.00
31) Terphenyl-d14	19.828	244	670	0.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	165	0.218	ng	#	80
3) n-Nitrosodimethylamine	3.716	42	184m	0.355	ng		
6) bis(2-Chloroethyl)ether	7.248	93	560	0.342	ng		94
9) Naphthalene	10.626	128	1512	0.317	ng		98
10) Hexachlorobutadiene	10.893	225	459	0.293	ng	#	100
12) 2-Methylnaphthalene	12.246	142	960	0.308	ng		98
16) Acenaphthylene	14.147	152	1670	0.357	ng		98
17) Acenaphthene	14.490	154	917	0.327	ng		97
18) Fluorene	15.484	166	1286	0.340	ng		93
20) 4,6-Dinitro-2-methylph...	15.592	198	146	0.321	ng		92
21) 4-Bromophenyl-phenylether	16.386	248	348	0.283	ng		95
22) Hexachlorobenzene	16.473	284	441	0.308	ng		95
23) Atrazine	16.672	200	340	0.330	ng		91
24) Pentachlorophenol	16.833	266	370	0.436	ng		91
25) Phenanthrene	17.218	178	1580	0.322	ng		99
26) Anthracene	17.317	178	1593	0.336	ng		99
28) Fluoranthene	19.252	202	1589	0.313	ng		99
30) Pyrene	19.615	202	1631	0.359	ng		98
32) Benzo(a)anthracene	21.366	228	1154	0.364	ng		98
33) Chrysene	21.420	228	1127	0.360	ng		97
34) Bis(2-ethylhexyl)phtha...	21.313	149	1413	0.361	ng		99
36) Indeno(1,2,3-cd)pyrene	26.083	276	1658	0.358	ng	#	80
37) Benzo(b)fluoranthene	23.002	252	1267	0.347	ng		98
38) Benzo(k)fluoranthene	23.049	252	1224	0.342	ng		95
39) Benzo(a)pyrene	23.604	252	1143	0.350	ng		98
40) Dibenzo(a,h)anthracene	26.118	278	1243	0.349	ng		96
41) Benzo(g,h,i)perylene	26.808	276	1388m	0.354	ng		

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

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