Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
Data File : BN029171.D
Acq On : 22 Dec 2023 04:05
Operator : MA/JU
Sample : PB157976BSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB157976BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 22 04:39:32 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	7.782	152	1063	0.400	ng		-0.01
7) Naphthalene-d8	10.573	136	2009	0.400	ng		#-0.01
13) Acenaphthene-d10	14.426	164	1089	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1696	0.400	ng		# 0.00
29) Chrysene-d12	21.394	240	621	0.400	ng		0.00
35) Perylene-d12	23.712	264	867	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	816	0.321	ng		0.00
5) Phenol-d6	6.995	99	829	0.296	ng		0.00
8) Nitrobenzene-d5	8.961	82	653	0.249	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	1375	0.452	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	227	0.238	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	1630	0.256	ng		0.00
27) Fluoranthene-d10	19.220	212	850	0.207	ng		0.00
31) Terphenyl-d14	19.833	244	485	0.284	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	254m	0.254	ng		
3) n-Nitrosodimethylamine	3.687	42	208	0.303	ng	#	67
6) bis(2-Chloroethyl)ether	7.241	93	542	0.249	ng		96
9) Naphthalene	10.626	128	1682	0.257	ng		96
10) Hexachlorobutadiene	10.893	225	506	0.235	ng	#	97
12) 2-Methylnaphthalene	12.242	142	1123	0.262	ng		100
16) Acenaphthylene	14.148	152	2014	0.262	ng		99
17) Acenaphthene	14.490	154	1134	0.246	ng		96
18) Fluorene	15.484	166	1588	0.256	ng		95
20) 4,6-Dinitro-2-methylph...	15.592	198	86	0.169	ng	#	88
21) 4-Bromophenyl-phenylether	16.387	248	410	0.234	ng		95
22) Hexachlorobenzene	16.473	284	530	0.259	ng		95
23) Atrazine	16.684	200	420	0.285	ng		97
24) Pentachlorophenol	16.833	266	518	0.428	ng		91
25) Phenanthrene	17.218	178	1954	0.279	ng		97
26) Anthracene	17.318	178	1835	0.271	ng		99
28) Fluoranthene	19.252	202	1537	0.212	ng		98
30) Pyrene	19.615	202	1524	0.312	ng		97
32) Benzo(a)anthracene	21.376	228	965	0.283	ng		99
33) Chrysene	21.429	228	962	0.285	ng		98
34) Bis(2-ethylhexyl)phtha...	21.313	149	1177	0.259	ng		98
36) Indeno(1,2,3-cd)pyrene	26.086	276	1665	0.298	ng		97
37) Benzo(b)fluoranthene	23.008	252	1187	0.269	ng		97
38) Benzo(k)fluoranthene	23.058	252	1090	0.252	ng		95
39) Benzo(a)pyrene	23.610	252	1073	0.273	ng		93
40) Dibenzo(a,h)anthracene	26.110	278	1306m	0.304	ng		
41) Benzo(g,h,i)perylene	26.814	276	1409	0.298	ng		94

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

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