Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033516.D
Acq On : 20 Aug 2024 21:17
Operator : MA/JU
Sample : PB162851BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162851BSD

Quant Time: Aug 20 23:22:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.552	152	9034	0.400	ng		0.00
7) Naphthalene-d8	10.314	136	24228	0.400	ng		# 0.00
13) Acenaphthene-d10	14.189	164	12251	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	24610	0.400	ng		#-0.01
29) Chrysene-d12	21.139	240	14783	0.400	ng		# 0.00
35) Perylene-d12	23.314	264	14180	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	8229	0.287	ng		0.00
5) Phenol-d6	6.736	99	10268	0.301	ng		0.00
8) Nitrobenzene-d5	8.681	82	7068	0.352	ng		-0.01
11) 2-Methylnaphthalene-d10	11.907	152	12248	0.353	ng		0.00
14) 2,4,6-Tribromophenol	15.688	330	1761	0.267	ng		0.00
15) 2-Fluorobiphenyl	12.809	172	19210	0.384	ng		0.00
27) Fluoranthene-d10	18.975	212	19606	0.331	ng		0.00
31) Terphenyl-d14	19.588	244	11675	0.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	3734	0.359	ng		99
3) n-Nitrosodimethylamine	3.479	42	4477	0.370	ng		92
6) bis(2-Chloroethyl)ether	6.989	93	9645	0.398	ng		99
9) Naphthalene	10.357	128	24549	0.379	ng		100
10) Hexachlorobutadiene	10.656	225	4924	0.381	ng	#	100
12) 2-Methylnaphthalene	11.983	142	15552	0.380	ng		99
16) Acenaphthylene	13.900	152	19292	0.359	ng		100
17) Acenaphthene	14.253	154	14296	0.378	ng		99
18) Fluorene	15.236	166	17813	0.374	ng		99
20) 4,6-Dinitro-2-methylph...	15.322	198	1122	0.292	ng	#	80
21) 4-Bromophenyl-phenylether	16.135	248	5627	0.376	ng	#	75
22) Hexachlorobenzene	16.247	284	6537	0.396	ng		97
23) Atrazine	16.420	200	3856	0.323	ng		95
24) Pentachlorophenol	16.594	266	2066	0.289	ng		96
25) Phenanthrene	16.979	178	26940	0.393	ng		100
26) Anthracene	17.066	178	22237	0.367	ng		100
28) Fluoranthene	19.007	202	27327	0.361	ng		100
30) Pyrene	19.370	202	27256	0.413	ng		100
32) Benzo(a)anthracene	21.130	228	20505	0.384	ng		100
33) Chrysene	21.175	228	21058	0.396	ng		98
34) Bis(2-ethylhexyl)phtha...	21.094	149	12278	0.363	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.466	276	23093	0.392	ng		100
37) Benzo(b)fluoranthene	22.668	252	21071	0.398	ng		99
38) Benzo(k)fluoranthene	22.712	252	20492	0.393	ng		99
39) Benzo(a)pyrene	23.218	252	16599	0.379	ng		99
40) Dibenzo(a,h)anthracene	25.484	278	18506	0.393	ng		98
41) Benzo(g,h,i)perylene	26.118	276	19998	0.397	ng		100

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

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