Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033492.D
Acq On : 20 Aug 2024 06:32
Operator : MA/JU
Sample : PB162821BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162821BSD

Quant Time: Aug 20 07:49:27 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	6514	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	16349	0.400	ng	0.00
13) Acenaphthene-d10	14.188	164	7352	0.400	ng	0.00
19) Phenanthrene-d10	16.941	188	13832	0.400	ng	0.00
29) Chrysene-d12	21.148	240	9514	0.400	ng	0.00
35) Perylene-d12	23.314	264	9586	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.190	112	5994	0.290	ng	0.00
5) Phenol-d6	6.736	99	6860	0.279	ng	0.00
8) Nitrobenzene-d5	8.680	82	4886	0.360	ng	-0.01
11) 2-Methylnaphthalene-d10	11.910	152	10566	0.452	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	935	0.237	ng	0.00
15) 2-Fluorobiphenyl	12.809	172	11826	0.394	ng	0.00
27) Fluoranthene-d10	18.979	212	11564	0.348	ng	0.00
31) Terphenyl-d14	19.592	244	7747	0.358	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	2328	0.311	ng	# 42
3) n-Nitrosodimethylamine	3.478	42	3167	0.363	ng	# 95
6) bis(2-Chloroethyl)ether	6.988	93	6959	0.398	ng	98
9) Naphthalene	10.367	128	16737	0.383	ng	100
10) Hexachlorobutadiene	10.666	225	3342	0.383	ng	# 100
12) 2-Methylnaphthalene	11.986	142	10297	0.372	ng	99
16) Acenaphthylene	13.900	152	12397	0.384	ng	100
17) Acenaphthene	14.252	154	8810	0.388	ng	99
18) Fluorene	15.247	166	10339	0.362	ng	100
20) 4,6-Dinitro-2-methylph...	15.321	198	659	0.305	ng	97
21) 4-Bromophenyl-phenylether	16.147	248	3136	0.373	ng	94
22) Hexachlorobenzene	16.246	284	3647	0.393	ng	98
23) Atrazine	16.420	200	2236	0.333	ng	98
24) Pentachlorophenol	16.594	266	2465	0.613	ng	98
25) Phenanthrene	16.979	178	15299	0.398	ng	99
26) Anthracene	17.065	178	12818	0.376	ng	100
28) Fluoranthene	19.007	202	15250	0.359	ng	100
30) Pyrene	19.374	202	15586	0.367	ng	100
32) Benzo(a)anthracene	21.130	228	14101	0.410	ng	100
33) Chrysene	21.184	228	15156	0.443	ng	99
34) Bis(2-ethylhexyl)phtha...	21.094	149	6560	0.301	ng	97
36) Indeno(1,2,3-cd)pyrene	25.469	276	19952	0.501	ng	100
37) Benzo(b)fluoranthene	22.671	252	15930	0.445	ng	98
38) Benzo(k)fluoranthene	22.715	252	16015	0.455	ng	98
39) Benzo(a)pyrene	23.221	252	13846	0.467	ng	98
40) Dibenzo(a,h)anthracene	25.486	278	15753	0.495	ng	98
41) Benzo(g,h,i)perylene	26.124	276	16230	0.477	ng	99

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

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