Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033493.D
Acq On : 20 Aug 2024 07:08
Operator : MA/JU
Sample : PB162787BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB162787BS

Quant Time: Aug 20 07:49:45 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	7475	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	18804	0.400	ng	# 0.00
13) Acenaphthene-d10	14.189	164	8660	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	16363	0.400	ng	0.00
29) Chrysene-d12	21.148	240	9727	0.400	ng	0.00
35) Perylene-d12	23.314	264	9901	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.190	112	6320	0.266	ng	0.00
5) Phenol-d6	6.736	99	7375	0.261	ng	0.00
8) Nitrobenzene-d5	8.681	82	5187	0.333	ng	-0.01
11) 2-Methylnaphthalene-d10	11.911	152	10919	0.406	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	976	0.210	ng	0.00
15) 2-Fluorobiphenyl	12.810	172	12855	0.363	ng	0.00
27) Fluoranthene-d10	18.980	212	12153	0.309	ng	0.00
31) Terphenyl-d14	19.593	244	8009	0.362	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	2502	0.291	ng	# 43
3) n-Nitrosodimethylamine	3.479	42	3593	0.359	ng	# 90
6) bis(2-Chloroethyl)ether	6.989	93	7518	0.375	ng	98
9) Naphthalene	10.357	128	18217	0.363	ng	100
10) Hexachlorobutadiene	10.667	225	3599	0.359	ng	# 100
12) 2-Methylnaphthalene	11.986	142	11293	0.355	ng	99
16) Acenaphthylene	13.900	152	13767	0.362	ng	100
17) Acenaphthene	14.253	154	9731	0.364	ng	98
18) Fluorene	15.247	166	11560	0.343	ng	100
20) 4,6-Dinitro-2-methylph...	15.322	198	694	0.272	ng	98
21) 4-Bromophenyl-phenylether	16.147	248	3525	0.355	ng	93
22) Hexachlorobenzene	16.247	284	4139	0.377	ng	98
23) Atrazine	16.420	200	2437	0.307	ng	97
24) Pentachlorophenol	16.594	266	2021	0.425	ng	97
25) Phenanthrene	16.979	178	17112	0.376	ng	100
26) Anthracene	17.066	178	14364	0.357	ng	100
28) Fluoranthene	19.007	202	16395	0.326	ng	100
30) Pyrene	19.374	202	16544	0.381	ng	100
32) Benzo(a)anthracene	21.130	228	13209	0.376	ng	100
33) Chrysene	21.184	228	13958	0.399	ng	100
34) Bis(2-ethylhexyl)phtha...	21.095	149	6519	0.293	ng	98
36) Indeno(1,2,3-cd)pyrene	25.469	276	17866	0.435	ng	100
37) Benzo(b)fluoranthene	22.671	252	14196	0.384	ng	98
38) Benzo(k)fluoranthene	22.715	252	14258	0.392	ng	98
39) Benzo(a)pyrene	23.221	252	12298	0.402	ng	97
40) Dibenzo(a,h)anthracene	25.490	278	14068	0.428	ng	98
41) Benzo(g,h,i)perylene	26.127	276	14504	0.413	ng	99

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

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