Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
Data File : BN029830.D
Acq On : 16 Feb 2024 17:12
Operator : MA/JU
Sample : PB158918BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158918BSD

Quant Time: Feb 16 23:57:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	5210	0.400	ng		0.00
7) Naphthalene-d8	10.669	136	13747	0.400	ng	#	0.00
13) Acenaphthene-d10	14.511	164	6119	0.400	ng		0.00
19) Phenanthrene-d10	17.255	188	11774	0.400	ng	#	0.00
29) Chrysene-d12	21.465	240	10077	0.400	ng	#	0.00
35) Perylene-d12	23.835	264	10504	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	5506	0.440	ng		0.00
5) Phenol-d6	7.038	99	6271	0.434	ng		0.00
8) Nitrobenzene-d5	9.035	82	4127	0.361	ng		0.00
11) 2-Methylnaphthalene-d10	12.257	152	8399	0.449	ng		0.00
14) 2,4,6-Tribromophenol	16.002	330	893	0.455	ng		0.00
15) 2-Fluorobiphenyl	13.132	172	9291	0.354	ng		0.00
27) Fluoranthene-d10	19.299	212	9223	0.323	ng		0.00
31) Terphenyl-d14	19.907	244	7342	0.294	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	2298	0.313	ng	#	56
3) n-Nitrosodimethylamine	3.694	42	1832	0.307	ng	#	87
6) bis(2-Chloroethyl)ether	7.305	93	4791	0.348	ng		95
9) Naphthalene	10.712	128	12462	0.318	ng		99
10) Hexachlorobutadiene	10.989	225	2406	0.324	ng	#	98
12) 2-Methylnaphthalene	12.333	142	7290	0.317	ng		99
16) Acenaphthylene	14.233	152	9900	0.341	ng		100
17) Acenaphthene	14.575	154	5933	0.304	ng		99
18) Fluorene	15.555	166	7455	0.305	ng		99
20) 4,6-Dinitro-2-methylph...	15.654	198	337	0.195	ng	#	85
21) 4-Bromophenyl-phenylether	16.461	248	2250	0.321	ng	#	79
22) Hexachlorobenzene	16.560	284	2647	0.308	ng		96
23) Atrazine	16.734	200	1639	0.329	ng	#	94
24) Pentachlorophenol	16.908	266	1025	0.376	ng		97
25) Phenanthrene	17.305	178	10995	0.316	ng		99
26) Anthracene	17.392	178	9497	0.320	ng		100
28) Fluoranthene	19.327	202	11779	0.301	ng		98
30) Pyrene	19.694	202	12355	0.266	ng		99
32) Benzo(a)anthracene	21.447	228	10833	0.315	ng		99
33) Chrysene	21.501	228	11959	0.306	ng		99
34) Bis(2-ethylhexyl)phtha...	21.393	149	5949	0.254	ng		100
36) Indeno(1,2,3-cd)pyrene	26.282	276	13705	0.325	ng		94
37) Benzo(b)fluoranthene	23.113	252	12190	0.325	ng		98
38) Benzo(k)fluoranthene	23.163	252	11960	0.304	ng		100
39) Benzo(a)pyrene	23.730	252	10511	0.321	ng		97
40) Dibenzo(a,h)anthracene	26.308	278	10982	0.327	ng		94
41) Benzo(g,h,i)perylene	27.031	276	12446	0.304	ng		97

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

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