Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034152.D
Acq On : 22 Sep 2024 08:25
Operator : JU/RC
Sample : P4116-06MS
Misc :
ALS Vial : 117 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D1-20240916MS

Quant Time: Sep 23 00:04:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.423	152	6136	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	16710	0.400	ng	-0.02
13) Acenaphthene-d10	14.072	164	8693	0.400	ng	0.00
19) Phenanthrene-d10	16.821	188	16196	0.400	ng	#-0.02
29) Chrysene-d12	21.044	240	10592	0.400	ng	#-0.01
35) Perylene-d12	23.168	264	10286	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	2099	0.121	ng	0.00
5) Phenol-d6	6.622	99	1419	0.070	ng	-0.01
8) Nitrobenzene-d5	8.557	82	4195	0.328	ng	-0.02
11) 2-Methylnaphthalene-d10	11.776	152	11550	0.468	ng	-0.02
14) 2,4,6-Tribromophenol	15.579	330	927	0.235	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	12316	0.348	ng	-0.02
27) Fluoranthene-d10	18.871	212	12740	0.312	ng	-0.02
31) Terphenyl-d14	19.494	244	10217	0.483	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	23669	3.085	ng	# 83
3) n-Nitrosodimethylamine	3.372	42	1494	0.171	ng	# 88
6) bis(2-Chloroethyl)ether	6.867	93	6571	0.367	ng	97
9) Naphthalene	10.223	128	16362	0.357	ng	99
10) Hexachlorobutadiene	10.522	225	2707	0.313	ng	# 100
12) 2-Methylnaphthalene	11.856	142	10313	0.346	ng	99
16) Acenaphthylene	13.784	152	13941	0.375	ng	100
17) Acenaphthene	14.137	154	9912	0.371	ng	99
18) Fluorene	15.131	166	12194	0.348	ng	100
20) 4,6-Dinitro-2-methylph...	15.227	198	793	0.402	ng	83
21) 4-Bromophenyl-phenylether	16.026	248	3658	0.402	ng	# 67
22) Hexachlorobenzene	16.138	284	3922	0.384	ng	95
23) Atrazine	16.324	200	2672	0.354	ng	98
24) Pentachlorophenol	16.486	266	1617	0.479	ng	98
25) Phenanthrene	16.870	178	18692	0.402	ng	99
26) Anthracene	16.957	178	15342	0.404	ng	99
28) Fluoranthene	18.904	202	18609	0.345	ng	99
30) Pyrene	19.266	202	19983	0.447	ng	100
32) Benzo(a)anthracene	21.035	228	13322	0.398	ng	99
33) Chrysene	21.080	228	15938	0.399	ng	99
34) Bis(2-ethylhexyl)phtha...	21.008	149	1423	0.102	ng	# 90
36) Indeno(1,2,3-cd)pyrene	25.247	276	17829	0.405	ng	100
37) Benzo(b)fluoranthene	22.543	252	15910	0.395	ng	97
38) Benzo(k)fluoranthene	22.587	252	16163	0.382	ng	97
39) Benzo(a)pyrene	23.075	252	13721	0.418	ng	99
40) Dibenzo(a,h)anthracene	25.268	278	13896	0.406	ng	98
41) Benzo(g,h,i)perylene	25.881	276	14757	0.384	ng	99

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

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