Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
Data File : BN027574.D
Acq On : 11 Sep 2023 12:55
Operator : MA/JU
Sample : 04254-02MS
Misc :
ALS Vial : 85 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20230830MS

Quant Time: Sep 12 01:31:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 05:26:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	5991	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	19085	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	11210	0.400	ng	0.00
19) Phenanthrene-d10	17.406	188	24154	0.400	ng	-0.01
29) Chrysene-d12	21.596	240	16030	0.400	ng	# 0.00
35) Perylene-d12	24.101	264	10327	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	2964	0.190	ng	0.00
5) Phenol-d6	7.178	99	2278	0.120	ng	0.00
8) Nitrobenzene-d5	9.219	82	4873	0.350	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	8927	0.319	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	1898	0.457	ng	0.00
15) 2-Fluorobiphenyl	13.294	172	15543	0.365	ng	0.00
27) Fluoranthene-d10	19.435	212	20018	0.333	ng	0.00
31) Terphenyl-d14	20.020	244	17811	0.553	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.444	88	1561	0.213	ng	# 78
3) n-Nitrosodimethylamine	3.791	42	1073	0.138	ng	# 91
6) bis(2-Chloroethyl)ether	7.467	93	5649	0.308	ng	# 95
9) Naphthalene	10.906	128	15519	0.298	ng	99
10) Hexachlorobutadiene	11.130	225	2690	0.277	ng	# 99
12) 2-Methylnaphthalene	12.502	142	10464	0.283	ng	99
16) Acenaphthylene	14.395	152	14058	0.275	ng	99
17) Acenaphthene	14.726	154	10137	0.298	ng	99
18) Fluorene	15.705	166	13869	0.305	ng	100
20) 4,6-Dinitro-2-methylph...	16.860	198	28	0.081	ng	# 53
21) 4-Bromophenyl-phenylether	16.599	248	4250	0.334	ng	96
22) Hexachlorobenzene	16.686	284	4909	0.325	ng	98
23) Atrazine	16.860	200	565	0.059	ng	# 76
24) Pentachlorophenol	17.046	266	4128	0.710	ng	99
25) Phenanthrene	17.455	178	22898	0.322	ng	99
26) Anthracene	17.542	178	18182	0.301	ng	99
28) Fluoranthene	19.467	202	24939	0.299	ng	99
30) Pyrene	19.834	202	24496	0.384	ng	100
32) Benzo(a)anthracene	21.578	228	18445	0.336	ng	99
33) Chrysene	21.632	228	18462	0.306	ng	99
34) Bis(2-ethylhexyl)phtha...	21.453	149	12955	0.489	ng	100
36) Indeno(1,2,3-cd)pyrene	26.738	276	9843	0.235	ng	99
37) Benzo(b)fluoranthene	23.317	252	13868	0.347	ng	# 91
38) Benzo(k)fluoranthene	23.373	252	13074	0.318	ng	# 91
39) Benzo(a)pyrene	23.987	252	7912	0.212	ng	# 80
40) Dibenzo(a,h)anthracene	26.756	278	8720	0.265	ng	92
41) Benzo(g,h,i)perylene	27.557	276	7588	0.199	ng	96

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

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