Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
Data File : BN027575.D
Acq On : 11 Sep 2023 13:32
Operator : MA/JU
Sample : 04254-03MSD
Misc :
ALS Vial : 86 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW11-MW01I-20230830MSD

Quant Time: Sep 12 01:31:56 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	6540	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	20958	0.400	ng	0.00
13) Acenaphthene-d10	14.662	164	12100	0.400	ng	0.00
19) Phenanthrene-d10	17.418	188	25095	0.400	ng	# 0.00
29) Chrysene-d12	21.587	240	15768	0.400	ng	0.00
35) Perylene-d12	24.098	264	10658	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.560	112	3072	0.180	ng	0.00
5) Phenol-d6	7.178	99	2383	0.115	ng	0.00
8) Nitrobenzene-d5	9.219	82	5000	0.327	ng	0.00
11) 2-Methylnaphthalene-d10	12.430	152	9707	0.315	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	1899	0.424	ng	0.00
15) 2-Fluorobiphenyl	13.293	172	15868	0.345	ng	0.00
27) Fluoranthene-d10	19.435	212	19254	0.309	ng	0.00
31) Terphenyl-d14	20.020	244	17135	0.541	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.444	88	1582	0.198	ng	# 79
3) n-Nitrosodimethylamine	3.790	42	1154	0.136	ng	# 94
6) bis(2-Chloroethyl)ether	7.466	93	5834	0.291	ng	# 95
9) Naphthalene	10.906	128	16210	0.284	ng	100
10) Hexachlorobutadiene	11.130	225	2766	0.259	ng	# 98
12) 2-Methylnaphthalene	12.502	142	10769	0.265	ng	99
16) Acenaphthylene	14.394	152	14339	0.260	ng	100
17) Acenaphthene	14.726	154	10328	0.281	ng	100
18) Fluorene	15.705	166	14186	0.289	ng	99
20) 4,6-Dinitro-2-methylph...	16.872	198	21	0.059	ng	# 72
21) 4-Bromophenyl-phenylether	16.599	248	4294	0.325	ng	98
22) Hexachlorobenzene	16.685	284	4875	0.310	ng	97
23) Atrazine	16.872	200	492	0.050	ng	# 83
24) Pentachlorophenol	17.045	266	4199	0.695	ng	99
25) Phenanthrene	17.455	178	22751	0.308	ng	99
26) Anthracene	17.542	178	18050	0.288	ng	100
28) Fluoranthene	19.467	202	23979	0.276	ng	99
30) Pyrene	19.834	202	23583	0.376	ng	100
32) Benzo(a)anthracene	21.569	228	17275	0.320	ng	98
33) Chrysene	21.632	228	17116	0.288	ng	99
34) Bis(2-ethylhexyl)phtha...	21.444	149	12754	0.489	ng	98
36) Indeno(1,2,3-cd)pyrene	26.735	276	9584	0.221	ng	100
37) Benzo(b)fluoranthene	23.317	252	12783	0.310	ng	# 90
38) Benzo(k)fluoranthene	23.370	252	12273	0.289	ng	# 89
39) Benzo(a)pyrene	23.984	252	7595	0.197	ng	# 75
40) Dibenzo(a,h)anthracene	26.755	278	8481	0.250	ng	91
41) Benzo(g,h,i)perylene	27.559	276	7417	0.189	ng	95

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

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