Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029089.D
Acq On : 07 Dec 2023 12:26
Operator : MA/JU
Sample : 05425-09MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
O-5(5-10)MS

Quant Time: Dec 07 13:33:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1044	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	2013	0.400	ng	-0.01
13) Acenaphthene-d10	14.396	164	1441	0.400	ng	0.00
19) Phenanthrene-d10	17.146	188	3525	0.400	ng	0.00
29) Chrysene-d12	21.347	240	2309	0.400	ng	# 0.00
35) Perylene-d12	23.664	264	2470	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	825	0.349	ng	0.00
5) Phenol-d6	6.980	99	1001	0.355	ng	0.00
8) Nitrobenzene-d5	8.939	82	862	0.355	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	1343	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	440	0.276	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2800	0.375	ng	0.00
27) Fluoranthene-d10	19.181	212	3324	0.300	ng	0.00
31) Terphenyl-d14	19.789	244	2172	0.372	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	259	0.308	ng	# 60
3) n-Nitrosodimethylamine	3.673	42	169	0.331	ng	# 1
6) bis(2-Chloroethyl)ether	7.219	93	1032	0.517	ng	# 80
9) Naphthalene	10.594	128	2208	0.352	ng	97
10) Hexachlorobutadiene	10.872	225	790	0.285	ng	# 97
12) 2-Methylnaphthalene	12.212	142	1614	0.316	ng	97
16) Acenaphthylene	14.118	152	2781	0.351	ng	98
17) Acenaphthene	14.450	154	1657	0.333	ng	98
18) Fluorene	15.444	166	2489	0.314	ng	98
20) 4,6-Dinitro-2-methylph...	15.533	198	339	0.319	ng	# 71
21) 4-Bromophenyl-phenylether	16.340	248	1093	0.343	ng	# 88
22) Hexachlorobenzene	16.439	284	1161	0.320	ng	95
23) Atrazine	16.637	200	904	0.321	ng	98
24) Pentachlorophenol	16.799	266	151	0.076	ng	# 88
25) Phenanthrene	17.184	178	4032	0.343	ng	99
26) Anthracene	17.270	178	3725	0.327	ng	97
28) Fluoranthene	19.209	202	4965	0.307	ng	# 99
30) Pyrene	19.571	202	5012	0.350	ng	99
32) Benzo(a)anthracene	21.329	228	4182	0.357	ng	98
33) Chrysene	21.383	228	3952	0.343	ng	98
34) Bis(2-ethylhexyl)phtha...	21.275	149	3460	0.479	ng	94
36) Indeno(1,2,3-cd)pyrene	26.032	276	4564	0.362	ng	# 96
37) Benzo(b)fluoranthene	22.962	252	4580	0.345	ng	# 89
38) Benzo(k)fluoranthene	23.006	252	4105	0.330	ng	# 88
39) Benzo(a)pyrene	23.558	252	3793	0.346	ng	# 85
40) Dibenzo(a,h)anthracene	26.064	278	3525	0.363	ng	# 93
41) Benzo(g,h,i)perylene	26.757	276	3637	0.342	ng	# 92

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

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