Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028994.D
Acq On : 02 Dec 2023 21:46
Operator : MA/JU
Sample : 05404-14MSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE134D1-20231109MSD

Quant Time: Dec 03 08:16:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.782	152	1993	0.400	ng	-0.01
7) Naphthalene-d8	10.573	136	5771	0.400	ng	#-0.01
13) Acenaphthene-d10	14.407	164	3630	0.400	ng	-0.01
19) Phenanthrene-d10	17.159	188	8619	0.400	ng	#-0.01
29) Chrysene-d12	21.356	240	7409	0.400	ng	#-0.02
35) Perylene-d12	23.678	264	7272	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	591	0.098	ng	-0.01
5) Phenol-d6	6.995	99	462	0.069	ng	-0.01
8) Nitrobenzene-d5	8.950	82	1864	0.325	ng	-0.02
11) 2-Methylnaphthalene-d10	12.155	152	3354	0.362	ng	-0.02
14) 2,4,6-Tribromophenol	15.905	330	731	0.298	ng	-0.01
15) 2-Fluorobiphenyl	13.039	172	4962	0.317	ng	-0.01
27) Fluoranthene-d10	19.190	212	8931	0.394	ng	-0.02
31) Terphenyl-d14	19.799	244	8216	0.393	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	1229	0.630	ng	# 76
3) n-Nitrosodimethylamine	3.716	42	341	0.203	ng	# 82
6) bis(2-Chloroethyl)ether	7.241	93	1688	0.300	ng	95
9) Naphthalene	10.616	128	5112	0.279	ng	99
10) Hexachlorobutadiene	10.883	225	892	0.238	ng	# 99
12) 2-Methylnaphthalene	12.231	142	3395	0.295	ng	96
16) Acenaphthylene	14.129	152	6397	0.333	ng	99
17) Acenaphthene	14.471	154	3872	0.303	ng	99
18) Fluorene	15.455	166	5821	0.360	ng	98
20) 4,6-Dinitro-2-methylph...	15.558	198	466	0.246	ng	# 48
21) 4-Bromophenyl-phenylether	16.352	248	1816	0.306	ng	# 73
22) Hexachlorobenzene	16.451	284	2081	0.286	ng	94
23) Atrazine	16.650	200	1876	0.361	ng	98
24) Pentachlorophenol	16.811	266	1859	0.548	ng	97
25) Phenanthrene	17.196	178	9834	0.346	ng	96
26) Anthracene	17.283	178	8841	0.336	ng	100
28) Fluoranthene	19.223	202	11736	0.397	ng	# 96
30) Pyrene	19.585	202	12164	0.309	ng	99
32) Benzo(a)anthracene	21.338	228	10510	0.334	ng	94
33) Chrysene	21.392	228	10349	0.335	ng	94
34) Bis(2-ethylhexyl)phtha...	21.284	149	11589	0.149	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.055	276	10433	0.329	ng	# 81
37) Benzo(b)fluoranthene	22.971	252	10139	0.341	ng	# 32
38) Benzo(k)fluoranthene	23.018	252	9247	0.329	ng	# 32
39) Benzo(a)pyrene	23.573	252	7746	0.292	ng	# 28
40) Dibenzo(a,h)anthracene	26.087	278	8493	0.346	ng	# 30
41) Benzo(g,h,i)perylene	26.789	276	7597	0.275	ng	# 75

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

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