Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028944.D
Acq On : 01 Dec 2023 13:05
Operator : MA/JU
Sample : 05350-06MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT149S1-20231107MS

Quant Time: Dec 01 14:41:10 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 00:28:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	3983	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	10615	0.400	ng	#-0.01
13) Acenaphthene-d10	14.428	164	4504	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	7791	0.400	ng	#-0.01
29) Chrysene-d12	21.374	240	4815	0.400	ng	# 0.00
35) Perylene-d12	23.713	264	4693	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	1720	0.143	ng	-0.03
5) Phenol-d6	7.017	99	1188	0.089	ng	-0.03
8) Nitrobenzene-d5	8.971	82	4497	0.426	ng	-0.01
11) 2-Methylnaphthalene-d10	12.174	152	7354	0.432	ng	-0.01
14) 2,4,6-Tribromophenol	15.930	330	784	0.258	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	11070	0.569	ng	-0.01
27) Fluoranthene-d10	19.213	212	7367	0.359	ng	0.00
31) Terphenyl-d14	19.817	244	6892	0.465	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	1384	0.355	ng	# 79
3) n-Nitrosodimethylamine	3.730	42	725	0.210	ng	# 90
6) bis(2-Chloroethyl)ether	7.255	93	3994	0.355	ng	99
9) Naphthalene	10.637	128	10611	0.315	ng	99
10) Hexachlorobutadiene	10.904	225	1861	0.270	ng	# 99
12) 2-Methylnaphthalene	12.250	142	6450	0.304	ng	98
16) Acenaphthylene	14.150	152	16731	0.701	ng	98
17) Acenaphthene	14.492	154	6007	0.379	ng	98
18) Fluorene	15.476	166	7793	0.389	ng	93
21) 4-Bromophenyl-phenylether	16.377	248	1712	0.319	ng	98
22) Hexachlorobenzene	16.464	284	1955	0.297	ng	96
23) Atrazine	16.662	200	1501	0.320	ng	95
24) Pentachlorophenol	16.836	266	1613	0.526	ng	97
25) Phenanthrene	17.221	178	8987	0.349	ng	99
26) Anthracene	17.308	178	8134	0.342	ng	98
28) Fluoranthene	19.241	202	9804	0.367	ng	# 97
30) Pyrene	19.603	202	10679	0.384	ng	# 90
32) Benzo(a)anthracene	21.356	228	7743	0.378	ng	# 84
33) Chrysene	21.409	228	7094	0.353	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.302	149	21507	0.840	ng	# 86
36) Indeno(1,2,3-cd)pyrene	26.111	276	7466	0.365	ng	# 92
37) Benzo(b)fluoranthene	23.000	252	6822	0.355	ng	# 52
38) Benzo(k)fluoranthene	23.047	252	6095	0.336	ng	# 53
39) Benzo(a)pyrene	23.605	252	5755	0.336	ng	# 48
40) Dibenzo(a,h)anthracene	26.137	278	5756	0.364	ng	# 41
41) Benzo(g,h,i)perylene	26.848	276	6194	0.348	ng	# 88

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

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