Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
Data File : BN029101.D
Acq On : 07 Dec 2023 21:20
Operator : MA/JU
Sample : 05611-07MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PE-7MSD

Quant Time: Dec 07 22:57:09 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	1020	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	1981	0.400	ng	-0.01
13) Acenaphthene-d10	14.385	164	1280	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	2975	0.400	ng	0.00
29) Chrysene-d12	21.347	240	1751	0.400	ng	# 0.00
35) Perylene-d12	23.661	264	1832	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	666	0.289	ng	0.00
5) Phenol-d6	6.973	99	754	0.273	ng	0.00
8) Nitrobenzene-d5	8.928	82	687	0.287	ng	-0.01
11) 2-Methylnaphthalene-d10	12.136	152	1072	0.258	ng	-0.01
14) 2,4,6-Tribromophenol	15.893	330	306	0.216	ng	0.00
15) 2-Fluorobiphenyl	13.017	172	2102	0.317	ng	-0.01
27) Fluoranthene-d10	19.176	212	2094	0.224	ng	0.00
31) Terphenyl-d14	19.789	244	1382	0.312	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.333	88	207	0.252	ng	# 1
3) n-Nitrosodimethylamine	3.658	42	195	0.391	ng	# 86
6) bis(2-Chloroethyl)ether	7.219	93	1192	0.611	ng	# 73
9) Naphthalene	10.594	128	1907	0.309	ng	# 94
10) Hexachlorobutadiene	10.861	225	682	0.250	ng	# 100
12) 2-Methylnaphthalene	12.212	142	1406	0.280	ng	99
16) Acenaphthylene	14.107	152	2552	0.362	ng	99
17) Acenaphthene	14.449	154	1514	0.342	ng	99
18) Fluorene	15.444	166	2216	0.314	ng	98
20) 4,6-Dinitro-2-methylph...	15.533	198	319	0.355	ng	# 83
21) 4-Bromophenyl-phenylether	16.339	248	883	0.328	ng	# 90
22) Hexachlorobenzene	16.426	284	1005	0.328	ng	# 93
23) Atrazine	16.637	200	772	0.325	ng	97
24) Pentachlorophenol	16.799	266	455	0.272	ng	# 90
25) Phenanthrene	17.184	178	3373	0.340	ng	97
26) Anthracene	17.270	178	3192	0.332	ng	99
28) Fluoranthene	19.208	202	4192	0.307	ng	# 98
30) Pyrene	19.571	202	4227	0.389	ng	100
32) Benzo(a)anthracene	21.329	228	3111	0.350	ng	96
33) Chrysene	21.382	228	2934	0.336	ng	98
34) Bis(2-ethylhexyl)phtha...	21.275	149	2574	0.470	ng	96
36) Indeno(1,2,3-cd)pyrene	26.032	276	3349	0.358	ng	# 97
37) Benzo(b)fluoranthene	22.956	252	3255	0.331	ng	# 84
38) Benzo(k)fluoranthene	23.003	252	3020	0.327	ng	# 85
39) Benzo(a)pyrene	23.558	252	2717	0.334	ng	# 83
40) Dibenzo(a,h)anthracene	26.055	278	2486	0.345	ng	# 84
41) Benzo(g,h,i)perylene	26.757	276	2760	0.350	ng	# 88

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

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