Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062723\
Data File : BN026044.D
Acq On : 27 Jun 2023 19:24
Operator : MA/JU
Sample : 03376-06MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
03376-03MSDMSD

Quant Time: Jun 28 05:50:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 05:23:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	6268	0.400	ng		0.00
7) Naphthalene-d8	10.782	136	18529	0.400	ng		0.00
13) Acenaphthene-d10	14.609	164	11037	0.400	ng		0.00
19) Phenanthrene-d10	17.356	188	22375	0.400	ng		0.00
29) Chrysene-d12	21.542	240	12615	0.400	ng		0.00
35) Perylene-d12	24.002	264	11794	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.528	112	3791	0.249	ng		0.00
5) Phenol-d6	7.146	99	2925	0.151	ng		0.00
8) Nitrobenzene-d5	9.138	82	7408	0.467	ng		-0.01
11) 2-Methylnaphthalene-d10	12.370	152	14074	0.519	ng		0.00
14) 2,4,6-Tribromophenol	16.102	330	2187	0.545	ng		0.00
15) 2-Fluorobiphenyl	13.240	172	25754	0.604	ng		0.00
27) Fluoranthene-d10	19.384	212	27816	0.587	ng		0.00
31) Terphenyl-d14	19.974	244	22638	0.701	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.361	88	868	0.131	ng	#	3
3) n-Nitrosodimethylamine	3.722	42	623	0.093	ng	#	69
6) bis(2-Chloroethyl)ether	7.391	93	5568	0.349	ng		92
9) Naphthalene	10.835	128	18328	0.365	ng		99
10) Hexachlorobutadiene	11.113	225	2570	0.265	ng	#	99
12) 2-Methylnaphthalene	12.442	142	10344	0.293	ng		99
16) Acenaphthylene	14.331	152	16170	0.312	ng		99
17) Acenaphthene	14.673	154	10814	0.324	ng		98
18) Fluorene	15.656	166	14512	0.333	ng		100
20) 4,6-Dinitro-2-methylph...	15.755	198	326	0.158	ng	#	1
21) 4-Bromophenyl-phenylether	16.537	248	4108	0.322	ng	#	76
22) Hexachlorobenzene	16.661	284	4137	0.323	ng		96
23) Atrazine	16.810	200	4011	0.366	ng		95
24) Pentachlorophenol	17.009	266	1507	0.250	ng		98
25) Phenanthrene	17.393	178	25741	0.393	ng		100
26) Anthracene	17.493	178	19114	0.324	ng		97
28) Fluoranthene	19.412	202	24331	0.353	ng		98
30) Pyrene	19.774	202	24176	0.346	ng		99
32) Benzo(a)anthracene	21.525	228	14705	0.324	ng		99
33) Chrysene	21.578	228	14779	0.292	ng		98
34) Bis(2-ethylhexyl)phtha...	21.435	149	13296	0.328	ng		98
36) Indeno(1,2,3-cd)pyrene	26.572	276	12694	0.262	ng		100
37) Benzo(b)fluoranthene	23.253	252	12061	0.282	ng		94
38) Benzo(k)fluoranthene	23.297	252	11722	0.253	ng	#	91
39) Benzo(a)pyrene	23.893	252	9902	0.236	ng	#	89
40) Dibenzo(a,h)anthracene	26.589	278	9566	0.252	ng		93
41) Benzo(g,h,i)perylene	27.358	276	11478	0.260	ng		97

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

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