Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
Data File : BN030054.D
Acq On : 26 Feb 2024 12:47
Operator : MA/JU
Sample : P1507-29MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE134D3-20240212MS

Quant Time: Feb 26 13:26:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4825	0.400	ng	# 0.00
7) Naphthalene-d8	10.647	136	12451	0.400	ng	# 0.00
13) Acenaphthene-d10	14.489	164	6040	0.400	ng	0.00
19) Phenanthrene-d10	17.243	188	11448	0.400	ng	#-0.01
29) Chrysene-d12	21.447	240	7779	0.400	ng	0.00
35) Perylene-d12	23.812	264	5765	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	2069	0.179	ng	0.00
5) Phenol-d6	7.024	99	2360	0.176	ng	0.00
8) Nitrobenzene-d5	9.014	82	5364	0.517	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	7327	0.432	ng	0.00
14) 2,4,6-Tribromophenol	15.989	330	952	0.491	ng	-0.01
15) 2-Fluorobiphenyl	13.121	172	11838	0.457	ng	0.00
27) Fluoranthene-d10	19.285	212	14031	0.506	ng	0.00
31) Terphenyl-d14	19.893	244	10611	0.550	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	41941	6.174	ng	# 93
3) n-Nitrosodimethylamine	3.709	42	2510	0.454	ng	# 1
6) bis(2-Chloroethyl)ether	7.291	93	5807	0.455	ng	# 80
9) Naphthalene	10.701	128	14469	0.408	ng	99
10) Hexachlorobutadiene	10.968	225	2530	0.376	ng	# 100
12) 2-Methylnaphthalene	12.314	142	8890	0.427	ng	97
16) Acenaphthylene	14.211	152	11859	0.413	ng	98
17) Acenaphthene	14.554	154	7947	0.413	ng	97
18) Fluorene	15.542	166	9846	0.408	ng	99
20) 4,6-Dinitro-2-methylph...	15.642	198	362	0.215	ng	# 26
21) 4-Bromophenyl-phenylether	16.448	248	2923	0.429	ng	# 76
22) Hexachlorobenzene	16.548	284	3720	0.445	ng	92
23) Atrazine	16.721	200	2533	0.523	ng	96
24) Pentachlorophenol	16.895	266	3539	1.336	ng	98
25) Phenanthrene	17.292	178	15933	0.471	ng	99
26) Anthracene	17.379	178	9542	0.331	ng	97
28) Fluoranthene	19.313	202	18184	0.478	ng	# 94
30) Pyrene	19.680	202	19157	0.535	ng	99
32) Benzo(a)anthracene	21.438	228	12540	0.472	ng	99
33) Chrysene	21.483	228	14842	0.491	ng	100
34) Bis(2-ethylhexyl)phtha...	21.375	149	39581	2.186	ng	99
36) Indeno(1,2,3-cd)pyrene	26.256	276	14533	0.627	ng	# 73
37) Benzo(b)fluoranthene	23.095	252	13096	0.635	ng	97
38) Benzo(k)fluoranthene	23.142	252	13278	0.615	ng	95
39) Benzo(a)pyrene	23.712	252	7289	0.406	ng	# 84
40) Dibenzo(a,h)anthracene	26.288	278	11567	0.627	ng	97
41) Benzo(g,h,i)perylene	26.990	276	13520	0.602	ng	98

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

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