Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
Data File : BN029997.D
Acq On : 24 Feb 2024 17:56
Operator : MA/JU
Sample : P1507-30MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE134D3-20240212MSD

Quant Time: Feb 26 03:02:43 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	7.855	152	6113	0.400	ng	# 0.00
7) Naphthalene-d8	10.648	136	16200	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	8141	0.400	ng	0.00
19) Phenanthrene-d10	17.243	188	16086	0.400	ng	#-0.01
29) Chrysene-d12	21.452	240	10800	0.400	ng	0.00
35) Perylene-d12	23.816	264	8329	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	2449	0.167	ng	0.00
5) Phenol-d6	7.031	99	2930	0.173	ng	0.00
8) Nitrobenzene-d5	9.014	82	5893	0.437	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	8434	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.989	330	1221	0.467	ng	-0.01
15) 2-Fluorobiphenyl	13.121	172	13529	0.387	ng	0.00
27) Fluoranthene-d10	19.285	212	17411	0.447	ng	0.00
31) Terphenyl-d14	19.894	244	13347	0.498	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	42292	4.914	ng	# 95
3) n-Nitrosodimethylamine	3.709	42	2735	0.390	ng	# 1
6) bis(2-Chloroethyl)ether	7.291	93	6440	0.398	ng	# 84
9) Naphthalene	10.701	128	16271	0.353	ng	99
10) Hexachlorobutadiene	10.968	225	2743	0.314	ng	# 100
12) 2-Methylnaphthalene	12.314	142	10236	0.378	ng	97
16) Acenaphthylene	14.212	152	14369	0.372	ng	99
17) Acenaphthene	14.554	154	9479	0.365	ng	96
18) Fluorene	15.543	166	12210	0.375	ng	97
20) 4,6-Dinitro-2-methylph...	15.642	198	581	0.246	ng	# 81
21) 4-Bromophenyl-phenylether	16.449	248	3590	0.375	ng	# 76
22) Hexachlorobenzene	16.548	284	4345	0.370	ng	93
23) Atrazine	16.722	200	3223	0.474	ng	96
24) Pentachlorophenol	16.896	266	4600	1.236	ng	99
25) Phenanthrene	17.293	178	19603	0.412	ng	99
26) Anthracene	17.380	178	13378	0.330	ng	98
28) Fluoranthene	19.318	202	22394	0.419	ng	# 95
30) Pyrene	19.680	202	23724	0.477	ng	99
32) Benzo(a)anthracene	21.434	228	15618	0.423	ng	99
33) Chrysene	21.487	228	18911	0.451	ng	99
34) Bis(2-ethylhexyl)phtha...	21.380	149	51412	2.045	ng	99
36) Indeno(1,2,3-cd)pyrene	26.263	276	16763	0.501	ng	92
37) Benzo(b)fluoranthene	23.100	252	15689	0.527	ng	97
38) Benzo(k)fluoranthene	23.150	252	15786	0.506	ng	96
39) Benzo(a)pyrene	23.711	252	9479	0.365	ng	# 88
40) Dibenzo(a,h)anthracene	26.290	278	13748	0.516	ng	97
41) Benzo(g,h,i)perylene	27.000	276	15207	0.468	ng	97

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

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