Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022323\
Data File : BN024093.D
Acq On : 22 Feb 2023 19:08
Operator : CG/JU
Sample : PB150977BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150977BS

Quant Time: Feb 23 03:54:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 23 03:52:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	3578	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	9165	0.400	ng		# 0.00
13) Acenaphthene-d10	14.474	164	5107	0.400	ng		0.00
19) Phenanthrene-d10	17.228	188	10252	0.400	ng		0.00
29) Chrysene-d12	21.419	240	6709	0.400	ng		0.00
35) Perylene-d12	23.799	264	5015	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	2711	0.365	ng		0.00
5) Phenol-d6	6.995	99	3261	0.372	ng		0.00
8) Nitrobenzene-d5	8.993	82	2944	0.400	ng		0.00
11) 2-Methylnaphthalene-d10	12.223	152	4877	0.383	ng		0.00
14) 2,4,6-Tribromophenol	15.975	330	817	0.311	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	8667	0.429	ng		-0.01
27) Fluoranthene-d10	19.262	212	8520	0.342	ng		0.00
31) Terphenyl-d14	19.861	244	5552	0.443	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	1378	0.406	ng		96
3) n-Nitrosodimethylamine	3.601	42	1379	0.363	ng	#	96
6) bis(2-Chloroethyl)ether	7.255	93	3702	0.423	ng		99
9) Naphthalene	10.680	128	9497	0.416	ng		100
10) Hexachlorobutadiene	10.957	225	2592	0.432	ng	#	100
12) 2-Methylnaphthalene	12.295	142	6066	0.399	ng		98
16) Acenaphthylene	14.196	152	7585	0.381	ng		99
17) Acenaphthene	14.538	154	5663	0.418	ng		98
18) Fluorene	15.522	166	7384	0.402	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	463	0.387	ng	#	57
21) 4-Bromophenyl-phenylether	16.422	248	2685	0.403	ng		97
22) Hexachlorobenzene	16.533	284	3466	0.433	ng		95
23) Atrazine	16.695	200	1542	0.354	ng		97
24) Pentachlorophenol	16.881	266	794	0.372	ng		95
25) Phenanthrene	17.266	178	11216	0.397	ng		99
26) Anthracene	17.365	178	8504	0.365	ng		99
28) Fluoranthene	19.292	202	11315	0.349	ng		99
30) Pyrene	19.654	202	10994	0.472	ng		100
32) Benzo(a)anthracene	21.410	228	8258	0.385	ng		98
33) Chrysene	21.455	228	9684	0.418	ng		100
34) Bis(2-ethylhexyl)phtha...	21.330	149	3789	0.386	ng		95
36) Indeno(1,2,3-cd)pyrene	26.243	276	9436	0.414	ng		99
37) Benzo(b)fluoranthene	23.080	252	8710	0.429	ng	#	94
38) Benzo(k)fluoranthene	23.127	252	8446	0.421	ng	#	94
39) Benzo(a)pyrene	23.697	252	6272	0.407	ng	#	89
40) Dibenzo(a,h)anthracene	26.264	278	7316	0.401	ng		94
41) Benzo(g,h,i)perylene	27.009	276	8459	0.437	ng		97

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

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