Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
Data File : BN029449.D
Acq On : 31 Jan 2024 14:25
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Feb 01 01:39:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	4235	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	11190	0.400	ng		-0.01
13) Acenaphthene-d10	14.532	164	4893	0.400	ng		-0.01
19) Phenanthrene-d10	17.280	188	9420	0.400	ng		#-0.01
29) Chrysene-d12	21.492	240	6709	0.400	ng		# 0.00
35) Perylene-d12	23.870	264	7270	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	4054	0.398	ng		0.00
5) Phenol-d6	7.060	99	4540	0.387	ng		0.00
8) Nitrobenzene-d5	9.057	82	3675	0.394	ng		-0.01
11) 2-Methylnaphthalene-d10	12.287	152	5815	0.382	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	556	0.354	ng		-0.01
15) 2-Fluorobiphenyl	13.164	172	8399	0.400	ng		-0.01
27) Fluoranthene-d10	19.322	212	8982	0.394	ng		0.00
31) Terphenyl-d14	19.931	244	6544	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	2270	0.381	ng		97
3) n-Nitrosodimethylamine	3.709	42	1775	0.365	ng	#	94
6) bis(2-Chloroethyl)ether	7.334	93	4382	0.391	ng		99
9) Naphthalene	10.744	128	12442	0.390	ng		100
10) Hexachlorobutadiene	11.021	225	2402	0.397	ng	#	100
12) 2-Methylnaphthalene	12.359	142	7161	0.383	ng		99
16) Acenaphthylene	14.254	152	8722	0.375	ng		99
17) Acenaphthene	14.597	154	6046	0.388	ng		100
18) Fluorene	15.580	166	7409	0.379	ng		99
20) 4,6-Dinitro-2-methylph...	15.667	198	522	0.377	ng	#	74
21) 4-Bromophenyl-phenylether	16.486	248	2151	0.384	ng	#	79
22) Hexachlorobenzene	16.585	284	2677	0.389	ng		99
23) Atrazine	16.759	200	1550	0.389	ng		96
24) Pentachlorophenol	16.933	266	744	0.341	ng		100
25) Phenanthrene	17.330	178	10851	0.389	ng		99
26) Anthracene	17.417	178	8867	0.373	ng		99
28) Fluoranthene	19.355	202	11976	0.382	ng		100
30) Pyrene	19.717	202	12132	0.393	ng		99
32) Benzo(a)anthracene	21.474	228	8888	0.388	ng		99
33) Chrysene	21.528	228	10423	0.400	ng		99
34) Bis(2-ethylhexyl)phtha...	21.420	149	5764	0.369	ng		99
36) Indeno(1,2,3-cd)pyrene	26.335	276	10686	0.366	ng		94
37) Benzo(b)fluoranthene	23.148	252	9366	0.360	ng		99
38) Benzo(k)fluoranthene	23.198	252	10007	0.368	ng	#	96
39) Benzo(a)pyrene	23.768	252	8319	0.367	ng		98
40) Dibenzo(a,h)anthracene	26.364	278	8718	0.375	ng		96
41) Benzo(g,h,i)perylene	27.089	276	10211	0.360	ng		100

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

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