Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012324\
Data File : BN029373.D
Acq On : 24 Jan 2024 07:48
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jan 24 08:16:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 23 02:16:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.912	152	4276	0.400	ng		0.00
7) Naphthalene-d8	10.712	136	12495	0.400	ng		0.00
13) Acenaphthene-d10	14.554	164	6639	0.400	ng		0.00
19) Phenanthrene-d10	17.305	188	15023	0.400	ng		0.00
29) Chrysene-d12	21.501	240	12952	0.400	ng	#	0.00
35) Perylene-d12	23.899	264	13944	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.478	112	4989	0.439	ng		0.00
5) Phenol-d6	7.074	99	6846	0.451	ng		0.00
8) Nitrobenzene-d5	9.078	82	4743	0.358	ng		0.00
11) 2-Methylnaphthalene-d10	12.302	152	7487	0.362	ng		0.00
14) 2,4,6-Tribromophenol	16.051	330	1250	0.361	ng		0.00
15) 2-Fluorobiphenyl	13.185	172	11782	0.368	ng		0.00
27) Fluoranthene-d10	19.340	212	15473	0.348	ng		0.00
31) Terphenyl-d14	19.949	244	12052	0.363	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.391	88	2048	0.369	ng		98
3) n-Nitrosodimethylamine	3.723	42	2062	0.366	ng	#	98
6) bis(2-Chloroethyl)ether	7.349	93	5476	0.391	ng		98
9) Naphthalene	10.765	128	14903	0.371	ng		98
10) Hexachlorobutadiene	11.043	225	2872	0.340	ng	#	99
12) 2-Methylnaphthalene	12.378	142	9484	0.363	ng		99
16) Acenaphthylene	14.276	152	13006	0.367	ng		100
17) Acenaphthene	14.618	154	8834	0.371	ng		100
18) Fluorene	15.604	166	11759	0.364	ng		100
20) 4,6-Dinitro-2-methylph...	15.679	198	874	0.316	ng		96
21) 4-Bromophenyl-phenylether	16.498	248	3794	0.346	ng	#	76
22) Hexachlorobenzene	16.597	284	4627	0.342	ng		96
23) Atrazine	16.771	200	2714	0.338	ng	#	91
24) Pentachlorophenol	16.945	266	1473	0.325	ng		98
25) Phenanthrene	17.342	178	18808	0.365	ng		100
26) Anthracene	17.441	178	16154	0.355	ng		99
28) Fluoranthene	19.368	202	21650	0.351	ng		98
30) Pyrene	19.731	202	22018	0.373	ng		99
32) Benzo(a)anthracene	21.492	228	19345	0.358	ng		99
33) Chrysene	21.537	228	20389	0.366	ng		99
34) Bis(2-ethylhexyl)phtha...	21.438	149	11280	0.379	ng		100
36) Indeno(1,2,3-cd)pyrene	26.376	276	19675	0.330	ng		97
37) Benzo(b)fluoranthene	23.171	252	20400	0.344	ng		98
38) Benzo(k)fluoranthene	23.221	252	20280	0.348	ng	#	96
39) Benzo(a)pyrene	23.794	252	15631	0.335	ng		99
40) Dibenzo(a,h)anthracene	26.408	278	16021	0.333	ng		98
41) Benzo(g,h,i)perylene	27.130	276	17211	0.333	ng		97

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

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