Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110524\
Data File : BN034867.D
Acq On : 05 Nov 2024 12:46
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 05 13:57:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 00:03:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	8452	0.400	ng		0.00
7) Naphthalene-d8	10.351	136	26349	0.400	ng		0.00
13) Acenaphthene-d10	14.222	164	13108	0.400	ng		0.00
19) Phenanthrene-d10	16.970	188	26072	0.400	ng	#	0.00
29) Chrysene-d12	21.160	240	15730	0.400	ng	#	0.00
35) Perylene-d12	23.341	264	12206	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.206	112	8446	0.330	ng		0.00
5) Phenol-d6	6.766	99	11578	0.348	ng		0.00
8) Nitrobenzene-d5	8.717	82	7249	0.350	ng		-0.01
11) 2-Methylnaphthalene-d10	11.946	152	12724	0.334	ng		0.00
14) 2,4,6-Tribromophenol	15.716	330	1294	0.200	ng		0.00
15) 2-Fluorobiphenyl	12.843	172	18226	0.353	ng		0.00
27) Fluoranthene-d10	19.001	212	20468	0.335	ng		0.00
31) Terphenyl-d14	19.614	244	10695	0.317	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.198	88	3608	0.389	ng		91
3) n-Nitrosodimethylamine	3.494	42	5234	0.501	ng	#	79
6) bis(2-Chloroethyl)ether	7.019	93	9892	0.407	ng		95
9) Naphthalene	10.404	128	26425	0.363	ng		99
10) Hexachlorobutadiene	10.703	225	4231	0.353	ng	#	98
12) 2-Methylnaphthalene	12.022	142	15960	0.335	ng		99
16) Acenaphthylene	13.933	152	20613	0.313	ng		100
17) Acenaphthene	14.286	154	14551	0.332	ng		95
18) Fluorene	15.270	166	18360	0.336	ng		99
20) 4,6-Dinitro-2-methylph...	15.355	198	821	0.344	ng	#	85
21) 4-Bromophenyl-phenylether	16.175	248	4746	0.315	ng	#	88
22) Hexachlorobenzene	16.274	284	5984	0.354	ng		94
23) Atrazine	16.448	200	3344	0.257	ng		96
24) Pentachlorophenol	16.622	266	1642	0.226	ng		98
25) Phenanthrene	17.007	178	28464	0.371	ng		100
26) Anthracene	17.094	178	23674	0.330	ng		100
28) Fluoranthene	19.034	202	29467	0.349	ng		98
30) Pyrene	19.396	202	30219	0.367	ng		100
32) Benzo(a)anthracene	21.151	228	21465	0.343	ng		99
33) Chrysene	21.196	228	23280	0.380	ng		99
34) Bis(2-ethylhexyl)phtha...	21.107	149	13851	0.265	ng	#	95
36) Indeno(1,2,3-cd)pyrene	25.513	276	17256	0.384	ng		92
37) Benzo(b)fluoranthene	22.695	252	19455	0.396	ng		97
38) Benzo(k)fluoranthene	22.738	252	19778	0.412	ng		97
39) Benzo(a)pyrene	23.247	252	14166	0.349	ng		95
40) Dibenzo(a,h)anthracene	25.525	278	13179	0.376	ng		98
41) Benzo(g,h,i)perylene	26.165	276	14224	0.376	ng		95

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

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