Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE041321\
Data File : BE101291.D
Acq On : 13 Apr 2021 12:48
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Apr 14 00:39:48 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE041221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 12 18:02:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	2556	0.40	ng		0.00
7) Naphthalene-d8	10.615	136	11095	0.40	ng	#	0.00
13) Acenaphthene-d10	14.443	164	7122	0.40	ng		0.00
19) Phenanthrene-d10	17.196	188	17126	0.40	ng	#	0.00
29) Chrysene-d12	21.354	240	19444	0.40	ng	#	0.00
36) Perylene-d12	23.834	264	19626	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.421	112	3072	0.40	ng		-0.01
5) Phenol-d6	6.999	99	4530	0.39	ng		0.00
8) Nitrobenzene-d5	8.978	82	3822	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.195	152	9929	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	681	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.074	172	10227	0.41	ng		0.00
27) Fluoranthene-d10	19.214	212	114723	0.38	ng		0.00
31) Terphenyl-d14	19.811	244	19249	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.371	88	1830	0.42	ng		96
3) n-Nitrosodimethylamine	3.670	42	2017	0.40	ng		100
6) bis(2-Chloroethyl)ether	7.252	93	3587	0.41	ng		99
9) Naphthalene	10.654	128	48451	0.40	ng		100
10) Hexachlorobutadiene	10.952	225	2104	0.41	ng		99
12) 2-Methylnaphthalene	12.267	142	8232	0.39	ng		96
16) Acenaphthylene	14.169	152	10658	0.37	ng		99
17) Acenaphthene	14.500	154	7911	0.39	ng		97
18) Fluorene	15.503	166	10291	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.578	198	445	0.35	ng		91
21) 4-Bromophenyl-phenylether	16.395	248	3427	0.39	ng	#	80
22) Hexachlorobenzene	16.516	284	3410	0.40	ng		99
23) Atrazine	16.667	200	2685	0.34	ng		93
24) Pentachlorophenol	16.864	266	173	0.41	ng		96
25) Phenanthrene	17.242	178	20150	0.40	ng		99
26) Anthracene	17.332	178	16518	0.37	ng		99
28) Fluoranthene	19.243	202	24831	0.38	ng		99
30) Pyrene	19.605	202	25371	0.41	ng		100
32) Benzo(a)anthracene	21.342	228	23807	0.39	ng		99
33) Chrysene	21.390	228	25817	0.40	ng		99
34) Bis(2-ethylhexyl)phtha...	21.269	149	28059	0.35	ng		100
35) Indeno(1,2,3-cd)pyrene	26.449	276	27275	0.43	ng		99
37) Benzo(b)fluoranthene	23.075	252	24463	0.37	ng		100
38) Benzo(k)fluoranthene	23.124	252	26398	0.39	ng		99
39) Benzo(a)pyrene	23.723	252	22196	0.37	ng		99
40) Dibenzo(a,h)anthracene	26.478	278	23677	0.40	ng		99
41) Benzo(g,h,i)perylene	27.255	276	24187	0.40	ng		99

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

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