Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040221\
Data File : BE101189.D
Acq On : 2 Apr 2021 8:36
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Apr 02 10:05:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 10:03:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.841	152	3899	0.40	ng		0.00
7) Naphthalene-d8	10.627	136	17088	0.40	ng		# 0.00
13) Acenaphthene-d10	14.456	164	11161	0.40	ng		0.00
19) Phenanthrene-d10	17.211	188	26840	0.40	ng		# 0.00
29) Chrysene-d12	21.367	240	29176	0.40	ng		0.00
36) Perylene-d12	23.848	264	28890	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.423	112	4639	0.50	ng		0.00
5) Phenol-d6	7.001	99	6986	0.49	ng		0.00
8) Nitrobenzene-d5	8.977	82	4848	0.48	ng		0.00
11) 2-Methylnaphthalene-d10	12.209	152	11602	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	1242	0.62	ng		0.00
15) 2-Fluorobiphenyl	13.088	172	16197	0.39	ng		0.00
27) Fluoranthene-d10	19.226	212	131724	0.39	ng		0.00
31) Terphenyl-d14	19.824	244	28656	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	2968	0.47	ng		99
3) n-Nitrosodimethylamine	3.684	42	2776	0.42	ng	#	95
6) bis(2-Chloroethyl)ether	7.266	93	5308	0.44	ng		98
9) Naphthalene	10.679	128	72521	0.42	ng		99
10) Hexachlorobutadiene	10.965	225	3070	0.39	ng		99
12) 2-Methylnaphthalene	12.281	142	12477	0.42	ng		97
16) Acenaphthylene	14.183	152	15791	0.37	ng		99
17) Acenaphthene	14.514	154	12594	0.41	ng		96
18) Fluorene	15.518	166	16153	0.40	ng		98
20) 4,6-Dinitro-2-methylph...	15.578	198	929	0.68	ng	#	63
21) 4-Bromophenyl-phenylether	16.410	248	5140	0.43	ng	#	91
22) Hexachlorobenzene	16.531	284	5353	0.41	ng		99
23) Atrazine	16.682	200	3893	0.52	ng	#	89
24) Pentachlorophenol	16.864	266	1662	0.48	ng		97
25) Phenanthrene	17.257	178	30594	0.41	ng		100
26) Anthracene	17.347	178	24495	0.38	ng		99
28) Fluoranthene	19.255	202	36198	0.38	ng		99
30) Pyrene	19.611	202	36463	0.42	ng		99
32) Benzo(a)anthracene	21.343	228	33913	0.45	ng		100
33) Chrysene	21.403	228	38282	0.43	ng		99
34) Bis(2-ethylhexyl)phtha...	21.294	149	28278	0.57	ng		99
35) Indeno(1,2,3-cd)pyrene	26.462	276	34279	0.58	ng		99
37) Benzo(b)fluoranthene	23.085	252	33420	0.44	ng		99
38) Benzo(k)fluoranthene	23.135	252	37627	0.39	ng		98
39) Benzo(a)pyrene	23.734	252	28111	0.40	ng		99
40) Dibenzo(a,h)anthracene	26.495	278	29100	0.50	ng		98
41) Benzo(g,h,i)perylene	27.265	276	32148	0.44	ng		99

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

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