Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040521\
Data File : BE101204.D
Acq On : 5 Apr 2021 20:15
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Apr 06 02:26:01 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 02:23:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.841	152	4268	0.40	ng		0.00
7) Naphthalene-d8	10.614	136	17078	0.40	ng		0.00
13) Acenaphthene-d10	14.456	164	11367	0.40	ng		0.00
19) Phenanthrene-d10	17.211	188	26427	0.40	ng	#	0.01
29) Chrysene-d12	21.356	240	35701	0.40	ng		0.00
36) Perylene-d12	23.837	264	32152	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.423	112	35204	3.50	ng		0.00
5) Phenol-d6	6.989	99	54621	3.49	ng		0.00
8) Nitrobenzene-d5	8.977	82	46609	4.57	ng		0.00
11) 2-Methylnaphthalene-d10	12.194	152	126960	4.56	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	13672	6.74	ng		0.00
15) 2-Fluorobiphenyl	13.073	172	130890	3.07	ng		0.00
27) Fluoranthene-d10	19.221	212	1546038	4.63	ng		0.00
31) Terphenyl-d14	19.818	244	265070	3.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	21075	3.04	ng		93
3) n-Nitrosodimethylamine	3.672	42	25170	3.48	ng		98
6) bis(2-Chloroethyl)ether	7.254	93	43525	3.33	ng		100
9) Naphthalene	10.666	128	593073	3.41	ng		100
10) Hexachlorobutadiene	10.965	225	26170	3.31	ng		98
12) 2-Methylnaphthalene	12.266	142	106369	3.56	ng		99
16) Acenaphthylene	14.168	152	161403	3.69	ng		99
17) Acenaphthene	14.514	154	110337	3.51	ng		96
18) Fluorene	15.502	166	146141	3.56	ng		98
20) 4,6-Dinitro-2-methylph...	15.578	198	14949	11.15	ng	#	74
21) 4-Bromophenyl-phenylether	16.410	248	46650	3.93	ng		100
22) Hexachlorobenzene	16.515	284	45450	3.51	ng		99
23) Atrazine	16.667	200	41464	5.60	ng		99
24) Pentachlorophenol	16.863	266	21173	6.18	ng		97
25) Phenanthrene	17.241	178	255436	3.47	ng		99
26) Anthracene	17.332	178	238753	3.80	ng		100
28) Fluoranthene	19.249	202	343356	3.68	ng		99
30) Pyrene	19.611	202	347758	3.30	ng		99
32) Benzo(a)anthracene	21.344	228	358383	3.93	ng		99
33) Chrysene	21.392	228	381902	3.49	ng		97
34) Bis(2-ethylhexyl)phtha...	21.283	149	496323	8.23	ng		100
35) Indeno(1,2,3-cd)pyrene	26.448	276	346570	4.81	ng		100
37) Benzo(b)fluoranthene	23.078	252	335298	3.98	ng		99
38) Benzo(k)fluoranthene	23.128	252	374702	3.47	ng	#	97
39) Benzo(a)pyrene	23.726	252	309398	3.91	ng		99
40) Dibenzo(a,h)anthracene	26.480	278	299583	4.63	ng		99
41) Benzo(g,h,i)perylene	27.251	276	306996	3.79	ng		99

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

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