Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040521\
Data File : BE101203.D
Acq On : 5 Apr 2021 19:36
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC1.6

Quant Time: Apr 06 02:25:51 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	7.839	152	4085	0.40	ng		0.00
7) Naphthalene-d8	10.614	136	17426	0.40	ng		0.00
13) Acenaphthene-d10	14.456	164	11281	0.40	ng		0.00
19) Phenanthrene-d10	17.211	188	26102	0.40	ng		# 0.01
29) Chrysene-d12	21.365	240	35000	0.40	ng		# 0.01
36) Perylene-d12	23.837	264	32497	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.421	112	17108	1.78	ng		0.00
5) Phenol-d6	6.998	99	25706	1.72	ng		0.00
8) Nitrobenzene-d5	8.977	82	21812	2.10	ng		0.00
11) 2-Methylnaphthalene-d10	12.194	152	62598	2.20	ng		0.00
14) 2,4,6-Tribromophenol	15.956	330	5923	2.94	ng		0.00
15) 2-Fluorobiphenyl	13.073	172	65528	1.55	ng		0.00
27) Fluoranthene-d10	19.221	212	751688	2.28	ng		0.00
31) Terphenyl-d14	19.819	244	128710	1.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.370	88	10583	1.60	ng		93
3) n-Nitrosodimethylamine	3.670	42	12139	1.75	ng		97
6) bis(2-Chloroethyl)ether	7.263	93	21765	1.74	ng		98
9) Naphthalene	10.666	128	302915	1.71	ng		100
10) Hexachlorobutadiene	10.965	225	13342	1.65	ng		97
12) 2-Methylnaphthalene	12.266	142	53158	1.74	ng		99
16) Acenaphthylene	14.168	152	76239	1.76	ng		99
17) Acenaphthene	14.514	154	53546	1.72	ng		99
18) Fluorene	15.503	166	70001	1.72	ng		99
20) 4,6-Dinitro-2-methylph...	15.578	198	5910	4.46	ng	#	74
21) 4-Bromophenyl-phenylether	16.410	248	22415	1.91	ng		99
22) Hexachlorobenzene	16.516	284	22732	1.78	ng		99
23) Atrazine	16.667	200	17879	2.44	ng		100
24) Pentachlorophenol	16.864	266	8971	2.65	ng		98
25) Phenanthrene	17.242	178	125134	1.72	ng		99
26) Anthracene	17.332	178	113588	1.83	ng		100
28) Fluoranthene	19.250	202	166701	1.81	ng		99
30) Pyrene	19.606	202	167707	1.62	ng		100
32) Benzo(a)anthracene	21.341	228	174107	1.95	ng		100
33) Chrysene	21.401	228	190096	1.77	ng		100
34) Bis(2-ethylhexyl)phtha...	21.280	149	206268	3.49	ng		100
35) Indeno(1,2,3-cd)pyrene	26.449	276	168783	2.39	ng		100
37) Benzo(b)fluoranthene	23.078	252	165633	1.94	ng		99
38) Benzo(k)fluoranthene	23.128	252	183798	1.68	ng	#	97
39) Benzo(a)pyrene	23.727	252	150914	1.89	ng		99
40) Dibenzo(a,h)anthracene	26.477	278	145005	2.22	ng		98
41) Benzo(g,h,i)perylene	27.251	276	151765	1.85	ng		98

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

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