Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010121\
Data File : BM028306.D
Acq On : 31 Dec 2020 15:01
Operator : JU/CG
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC3.2

Quant Time: Dec 31 16:11:36 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-SIM-BM010121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 16:09:58 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.135	152	582	0.40	ng		0.00
7) Naphthalene-d8	10.960	136	2191	0.40	ng		0.00
13) Acenaphthene-d10	14.764	164	1190	0.40	ng		0.00
19) Phenanthrene-d10	17.481	188	2368	0.40	ng	#	0.00
27) Chrysene-d12	21.601	240	2540	0.40	ng	#	-0.01
34) Perylene-d12	23.938	264	2363	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.639	112	6309	3.69	ng		0.00
5) Phenol-d6	7.282	99	8631	4.11	ng		0.00
8) Nitrobenzene-d5	9.299	82	6754	4.20	ng		0.00
11) 2-Methylnaphthalene-d10	12.535	152	12671	3.34	ng		0.00
14) 2,4,6-Tribromophenol	16.237	330	2243	2.52	ng		0.00
15) 2-Fluorobiphenyl	13.390	172	16327	3.40	ng		0.00
25) Fluoranthene-d10	19.487	212	24914	4.04	ng		0.00
29) Terphenyl-d14	20.061	244	18946	3.19	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.408	88	2520	3.92	ng		89
3) n-Nitrosodimethylamine	3.754	42	3915	5.69	ng	#	88
6) bis(2-Chloroethyl)ether	7.547	93	5987	3.91	ng		95
9) Naphthalene	11.010	128	20872	3.71	ng		96
10) Hexachlorobutadiene	11.289	225	3983	2.97	ng	#	99
12) 2-Methylnaphthalene	12.607	142	14394	3.49	ng		94
16) Acenaphthylene	14.491	152	19502	4.08	ng		99
17) Acenaphthene	14.825	154	13361	3.64	ng		97
18) Fluorene	15.804	166	16724	3.63	ng		97
20) Hexachlorobenzene	16.801	284	5417	2.87	ng		92
21) Atrazine	19.517	200	5526	3.30	ng	#	36
22) Pentachlorophenol	17.141	266	2407	3.16	ng		98
23) Phenanthrene	17.523	178	24790	3.53	ng		100
24) Anthracene	17.619	178	22844	3.60	ng		99
26) Fluoranthene	19.517	202	28277	3.78	ng	#	96
28) Pyrene	19.879	202	30101	3.68	ng		97
30) Benzo(a)anthracene	21.590	228	27549	3.45	ng		97
31) Chrysene	21.643	228	28604	3.54	ng		98
32) Bis(2-ethylhexyl)phtha...	21.495	149	13312	3.25	ng		96
33) Indeno(1,2,3-cd)pyrene	26.314	276	30283	2.43	ng	#	91
35) Benzo(b)fluoranthene	23.230	252	29006	3.54	ng	#	95
36) Benzo(k)fluoranthene	23.277	252	27907	3.65	ng	#	95
37) Benzo(a)pyrene	23.832	252	25450	3.46	ng	#	93
38) Dibenzo(a,h)anthracene	26.327	278	26590	3.00	ng	#	92
39) Benzo(g,h,i)perylene	27.049	276	25939	2.56	ng	#	92

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

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