Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010121\
Data File : BM028304.D
Acq On : 31 Dec 2020 13:49
Operator : JU/CG
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC0.8

Quant Time: Dec 31 16:11:12 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	8.143	152	531	0.40	ng		0.00
7) Naphthalene-d8	10.960	136	2142	0.40	ng		0.00
13) Acenaphthene-d10	14.764	164	1173	0.40	ng		0.00
19) Phenanthrene-d10	17.481	188	2379	0.40	ng	#	0.00
27) Chrysene-d12	21.601	240	2483	0.40	ng	#	-0.01
34) Perylene-d12	23.938	264	2401	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.639	112	1501	0.96	ng		0.00
5) Phenol-d6	7.281	99	2042	1.07	ng		0.00
8) Nitrobenzene-d5	9.299	82	1588	1.01	ng		0.00
11) 2-Methylnaphthalene-d10	12.535	152	3045	0.82	ng		0.00
14) 2,4,6-Tribromophenol	16.237	330	485	0.55	ng		0.00
15) 2-Fluorobiphenyl	13.390	172	3983	0.84	ng		0.00
25) Fluoranthene-d10	19.487	212	5996	0.97	ng		0.00
29) Terphenyl-d14	20.072	244	5472	0.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.408	88	647	1.10	ng		93
3) n-Nitrosodimethylamine	3.762	42	954	1.52	ng	#	92
6) bis(2-Chloroethyl)ether	7.547	93	1466	1.05	ng		96
9) Naphthalene	11.010	128	5077	0.92	ng		98
10) Hexachlorobutadiene	11.289	225	972	0.74	ng	#	98
12) 2-Methylnaphthalene	12.606	142	3443	0.85	ng		94
16) Acenaphthylene	14.491	152	4203	0.89	ng		100
17) Acenaphthene	14.824	154	3144	0.87	ng		96
18) Fluorene	15.804	166	3970	0.87	ng		99
20) Hexachlorobenzene	16.801	284	1336	0.70	ng		93
21) Atrazine	19.516	200	1316	0.78	ng	#	36
22) Pentachlorophenol	17.141	266	513	0.67	ng		99
23) Phenanthrene	17.523	178	6043	0.86	ng		99
24) Anthracene	17.619	178	5265	0.83	ng		99
26) Fluoranthene	19.516	202	6711	0.89	ng	#	96
28) Pyrene	19.879	202	6706	0.84	ng		99
30) Benzo(a)anthracene	21.590	228	6578	0.84	ng		97
31) Chrysene	21.643	228	7013	0.89	ng		98
32) Bis(2-ethylhexyl)phtha...	21.495	149	3027	0.76	ng		95
33) Indeno(1,2,3-cd)pyrene	26.313	276	7591	0.62	ng	#	91
35) Benzo(b)fluoranthene	23.229	252	7269	0.87	ng	#	96
36) Benzo(k)fluoranthene	23.274	252	6815	0.88	ng	#	96
37) Benzo(a)pyrene	23.832	252	6208	0.83	ng	#	95
38) Dibenzo(a,h)anthracene	26.327	278	6651	0.74	ng	#	95
39) Benzo(g,h,i)perylene	27.049	276	6619	0.64	ng	#	89

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

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