Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
Data File : BN017467.D
Acq On : 16 Nov 2021 09:30
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Nov 16 11:42:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 11:40:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	26091	0.400	ng	0.00
7) Naphthalene-d8	10.662	136	117814	0.400	ng	# 0.00
13) Acenaphthene-d10	14.498	164	61092	0.400	ng	0.00
19) Phenanthrene-d10	17.238	188	105383	0.400	ng	0.00
29) Chrysene-d12	21.420	240	82737	0.400	ng	# 0.00
35) Perylene-d12	23.801	264	60257	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	11250	0.187	ng	0.00
5) Phenol-d6	7.035	99	11921	0.180	ng	0.00
8) Nitrobenzene-d5	9.014	82	11880	0.168	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	36157	0.208	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	2328	0.102	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	42955	0.185	ng	0.00
27) Fluoranthene-d10	19.273	212	56239	0.209	ng	0.00
31) Terphenyl-d14	19.873	244	38591	0.209	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	1823	0.125	ng	# 67
3) n-Nitrosodimethylamine	3.725	42	3527	0.157	ng	# 1
6) bis(2-Chloroethyl)ether	7.293	93	13630	0.195	ng	95
9) Naphthalene	10.712	128	55963	0.180	ng	99
10) Hexachlorobutadiene	11.016	225	11455	0.188	ng	# 100
12) 2-Methylnaphthalene	12.324	142	35559	0.174	ng	98
16) Acenaphthylene	14.207	152	36362	0.146	ng	100
17) Acenaphthene	14.562	154	30047	0.175	ng	99
18) Fluorene	15.539	166	34281	0.167	ng	100
20) 4,6-Dinitro-2-methylph...	15.615	198	317	0.029	ng	# 50
21) 4-Bromophenyl-phenylether	16.435	248	10465	0.177	ng	# 75
22) Hexachlorobenzene	16.556	284	12253	0.185	ng	95
23) Atrazine	16.703	200	5528	0.139	ng	# 93
24) Pentachlorophenol	16.897	266	1885	0.081	ng	99
25) Phenanthrene	17.274	178	53238	0.176	ng	100
26) Anthracene	17.372	178	40141	0.160	ng	100
28) Fluoranthene	19.303	202	56184	0.172	ng	100
30) Pyrene	19.660	202	55741	0.209	ng	100
32) Benzo(a)anthracene	21.409	228	45410	0.181	ng	100
33) Chrysene	21.462	228	47121	0.176	ng	100
34) Bis(2-ethylhexyl)phtha...	21.346	149	20879	0.236	ng	98
36) Indeno(1,2,3-cd)pyrene	26.258	276	21726	0.103	ng	98
37) Benzo(b)fluoranthene	23.078	252	39586	0.201	ng	# 93
38) Benzo(k)fluoranthene	23.126	252	38021	0.193	ng	# 91
39) Benzo(a)pyrene	23.698	252	29422	0.169	ng	# 90
40) Dibenzo(a,h)anthracene	26.279	278	16224	0.096	ng	# 87
41) Benzo(g,h,i)perylene	27.005	276	21421	0.117	ng	96

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

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