Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092821\
Data File : BN016562.D
Acq On : 28 Sep 2021 18:23
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: Sep 29 01:17:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 28 18:30:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	29862	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	128927	0.400	ng	# 0.00
13) Acenaphthene-d10	14.281	164	63215	0.400	ng	0.00
19) Phenanthrene-d10	17.042	188	116008	0.400	ng	# 0.00
29) Chrysene-d12	21.248	240	106172	0.400	ng	# 0.00
35) Perylene-d12	23.508	264	95543	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	60570	0.997	ng	0.00
5) Phenol-d6	6.840	99	60224	0.801	ng	0.00
8) Nitrobenzene-d5	8.797	82	49762	0.671	ng	0.00
11) 2-Methylnaphthalene-d10	12.020	152	149889	0.826	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	20878	1.337	ng	0.00
15) 2-Fluorobiphenyl	12.911	172	212653	0.725	ng	0.00
27) Fluoranthene-d10	19.078	212	256691	0.792	ng	0.00
31) Terphenyl-d14	19.693	244	195285	0.910	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.272	88	11590	0.841	ng	# 54
3) n-Nitrosodimethylamine	3.594	42	19872	0.751	ng	# 1
6) bis(2-Chloroethyl)ether	7.098	93	65245	0.822	ng	91
9) Naphthalene	10.470	128	285111	0.793	ng	99
10) Hexachlorobutadiene	10.761	225	55719	0.738	ng	# 99
12) 2-Methylnaphthalene	12.091	142	179041	0.849	ng	100
16) Acenaphthylene	14.002	152	224619	0.772	ng	100
17) Acenaphthene	14.345	154	155269	0.793	ng	94
18) Fluorene	15.334	166	191399	0.814	ng	99
20) 4,6-Dinitro-2-methylph...	15.423	198	4271	0.642	ng	# 87
21) 4-Bromophenyl-phenylether	16.238	248	57298	0.796	ng	# 73
22) Hexachlorobenzene	16.348	284	68293	0.789	ng	95
23) Atrazine	16.518	200	36345	1.261	ng	96
24) Pentachlorophenol	16.689	266	18410	0.814	ng	100
25) Phenanthrene	17.078	178	290405	0.770	ng	100
26) Anthracene	17.163	178	254056	0.814	ng	100
28) Fluoranthene	19.107	202	319051	0.775	ng	# 98
30) Pyrene	19.475	202	315292	1.025	ng	100
32) Benzo(a)anthracene	21.227	228	285205	1.013	ng	99
33) Chrysene	21.280	228	294196	0.855	ng	99
34) Bis(2-ethylhexyl)phtha...	21.185	149	80619	1.530	ng	100
36) Indeno(1,2,3-cd)pyrene	25.795	276	279155	0.930	ng	97
37) Benzo(b)fluoranthene	22.824	252	284643	0.964	ng	99
38) Benzo(k)fluoranthene	22.872	252	285011	0.827	ng	# 98
39) Benzo(a)pyrene	23.406	252	252427	1.074	ng	99
40) Dibenzo(a,h)anthracene	25.815	278	219252	0.822	ng	# 96
41) Benzo(g,h,i)perylene	26.493	276	243910	0.990	ng	97

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

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