Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018259.D
Acq On : 29 Dec 2021 13:12
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Dec 29 13:49:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 12:39:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	29680	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	115555	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	65747	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	121364	0.400	ng	# 0.00
29) Chrysene-d12	21.196	240	114522	0.400	ng	# 0.00
35) Perylene-d12	23.420	264	91602	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	104366	1.611	ng	0.00
5) Phenol-d6	6.822	99	105267	1.517	ng	0.00
8) Nitrobenzene-d5	8.785	82	121719	1.565	ng	0.00
11) 2-Methylnaphthalene-d10	12.012	152	329587	1.660	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	38722	1.209	ng	-0.01
15) 2-Fluorobiphenyl	12.899	172	424333	1.726	ng	0.00
27) Fluoranthene-d10	19.038	212	693845	1.805	ng	0.00
31) Terphenyl-d14	19.644	244	455893	1.809	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.180	88	28266	1.586	ng	# 63
3) n-Nitrosodimethylamine	3.502	42	44092	1.700	ng	97
6) bis(2-Chloroethyl)ether	7.071	93	123797	1.656	ng	100
9) Naphthalene	10.457	128	474822	1.665	ng	100
10) Hexachlorobutadiene	10.762	225	131250	1.730	ng	# 99
12) 2-Methylnaphthalene	12.083	142	310015	1.645	ng	99
16) Acenaphthylene	13.977	152	433421	1.774	ng	100
17) Acenaphthene	14.332	154	288367	1.693	ng	98
18) Fluorene	15.309	166	350009	1.671	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	4178	0.968	ng	# 83
21) 4-Bromophenyl-phenylether	16.202	248	135496	1.824	ng	97
22) Hexachlorobenzene	16.324	284	156997	1.783	ng	100
23) Atrazine	16.482	200	87327	1.895	ng	# 96
24) Pentachlorophenol	16.665	266	21250	0.861	ng	99
25) Phenanthrene	17.042	178	557422	1.731	ng	100
26) Anthracene	17.139	178	475109	1.790	ng	100
28) Fluoranthene	19.068	202	669601	1.780	ng	99
30) Pyrene	19.430	202	678430	1.846	ng	100
32) Benzo(a)anthracene	21.174	228	579517	1.742	ng	99
33) Chrysene	21.228	228	602926	1.661	ng	99
34) Bis(2-ethylhexyl)phtha...	21.121	149	246364	1.980	ng	99
36) Indeno(1,2,3-cd)pyrene	25.679	276	390758	1.474	ng	99
37) Benzo(b)fluoranthene	22.749	252	518839	1.831	ng	99
38) Benzo(k)fluoranthene	22.793	252	508469	1.781	ng	99
39) Benzo(a)pyrene	23.320	252	435338	1.710	ng	99
40) Dibenzo(a,h)anthracene	25.699	278	278726	1.432	ng	98
41) Benzo(g,h,i)perylene	26.370	276	370598	1.517	ng	99

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

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