Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019246.D
Acq On : 31 Mar 2022 08:05
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

Quant Time: Mar 31 12:16:24 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:15:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	5092	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	13217	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	8283	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	16905	0.400	ng	0.00
29) Chrysene-d12	21.404	240	12638	0.400	ng	# 0.00
35) Perylene-d12	23.764	264	11344	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1148	0.093	ng	0.00
5) Phenol-d6	7.002	99	978	0.073	ng	0.00
8) Nitrobenzene-d5	9.003	82	808	0.080	ng	0.01
11) 2-Methylnaphthalene-d10	12.242	152	1825	0.088	ng	0.01
14) 2,4,6-Tribromophenol	15.974	330	316	0.076	ng	0.01
15) 2-Fluorobiphenyl	13.116	172	2934	0.083	ng	0.01
27) Fluoranthene-d10	19.253	212	4849	0.096	ng	0.00
31) Terphenyl-d14	19.851	244	2798	0.099	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	882	0.129	ng	# 82
3) n-Nitrosodimethylamine	3.557	42	767	0.105	ng	# 85
6) bis(2-Chloroethyl)ether	7.255	93	1231	0.085	ng	94
9) Naphthalene	10.690	128	3718	0.098	ng	# 93
10) Hexachlorobutadiene	10.979	225	928	0.104	ng	# 98
12) 2-Methylnaphthalene	12.314	142	2218	0.091	ng	95
16) Acenaphthylene	14.196	152	3197	0.083	ng	100
17) Acenaphthene	14.538	154	2500	0.091	ng	98
18) Fluorene	15.521	166	3044	0.089	ng	99
20) 4,6-Dinitro-2-methylph...	15.628	198	166	0.068	ng	# 1
21) 4-Bromophenyl-phenylether	16.415	248	911	0.081	ng	# 89
22) Hexachlorobenzene	16.528	284	1396	0.098	ng	99
23) Atrazine	16.682	200	687	0.090	ng	# 85
24) Pentachlorophenol	16.887	266	369	0.072	ng	97
25) Phenanthrene	17.256	178	4661	0.085	ng	99
26) Anthracene	17.359	178	3657	0.080	ng	99
28) Fluoranthene	19.282	202	5922	0.092	ng	99
30) Pyrene	19.641	202	6234	0.097	ng	99
32) Benzo(a)anthracene	21.387	228	3063	0.066	ng	93
33) Chrysene	21.440	228	4842	0.084	ng	96
34) Bis(2-ethylhexyl)phtha...	21.315	149	2898	0.085	ng	# 100
36) Indeno(1,2,3-cd)pyrene	26.214	276	4277m	0.089	ng	
37) Benzo(b)fluoranthene	23.048	252	3549	0.057	ng	# 53
38) Benzo(k)fluoranthene	23.097	252	3607m	0.047	ng	
39) Benzo(a)pyrene	23.662	252	3202	0.071	ng	# 9
40) Dibenzo(a,h)anthracene	26.238	278	2832	0.078	ng	# 54
41) Benzo(g,h,i)perylene	26.954	276	4058	0.078	ng	# 87

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

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