Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033022\
Data File : BN019240.D
Acq On : 30 Mar 2022 14:04
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 30 14:49:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:57:13 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
ICVBN033022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
03/31/2022
Supervised By :Jagrut Upadhyay
03/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	3328	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	8517	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	4937	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	9871	0.400	ng	0.00
29) Chrysene-d12	21.404	240	6931	0.400	ng	# 0.00
35) Perylene-d12	23.767	264	5490	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	3031	0.377	ng	0.00
5) Phenol-d6	7.002	99	2948	0.337	ng	0.00
8) Nitrobenzene-d5	8.993	82	2165	0.334	ng	0.00
11) 2-Methylnaphthalene-d10	12.231	152	5090	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	799	0.324	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	7823	0.370	ng	0.00
27) Fluoranthene-d10	19.248	212	11177	0.379	ng	0.00
31) Terphenyl-d14	19.847	244	6234	0.401	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	1961	0.438	ng	93
3) n-Nitrosodimethylamine	3.557	42	1765	0.371	ng	# 99
6) bis(2-Chloroethyl)ether	7.255	93	3527	0.374	ng	95
9) Naphthalene	10.690	128	9612	0.391	ng	98
10) Hexachlorobutadiene	10.979	225	2346	0.409	ng	# 99
12) 2-Methylnaphthalene	12.306	142	6067	0.385	ng	99
16) Acenaphthylene	14.196	152	8018	0.351	ng	100
17) Acenaphthene	14.538	154	6005	0.368	ng	98
18) Fluorene	15.521	166	7602	0.374	ng	99
20) 4,6-Dinitro-2-methylph...	15.618	198	426	0.354	ng	# 55
21) 4-Bromophenyl-phenylether	16.405	248	2429	0.369	ng	# 79
22) Hexachlorobenzene	16.528	284	3320	0.399	ng	99
23) Atrazine	16.672	200	1464	0.329	ng	95
24) Pentachlorophenol	16.877	266	914	0.305	ng	99
25) Phenanthrene	17.256	178	11982	0.376	ng	100
26) Anthracene	17.349	178	9261	0.348	ng	100
28) Fluoranthene	19.278	202	13601	0.363	ng	100
30) Pyrene	19.640	202	14370	0.408	ng	99
32) Benzo(a)anthracene	21.386	228	7932	0.312	ng	98
33) Chrysene	21.440	228	11816	0.373	ng	99
34) Bis(2-ethylhexyl)phtha...	21.315	149	6210	0.289	ng	99
36) Indeno(1,2,3-cd)pyrene	26.208	276	9859m	0.426	ng	
37) Benzo(b)fluoranthene	23.048	252	10666m	0.387	ng	
38) Benzo(k)fluoranthene	23.095	252	14650m	0.396	ng	
39) Benzo(a)pyrene	23.662	252	7934	0.364	ng	# 72
40) Dibenzo(a,h)anthracene	26.226	278	6659m	0.377	ng	
41) Benzo(g,h,i)perylene	26.948	276	9849	0.389	ng	96

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

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