Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
Data File : BM039916.D
Acq On : 12 May 2023 13:25
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 13 02:04:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 13 02:01:10 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	445610	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	1918188	20.000	ng	0.00
39) Acenaphthene-d10	14.671	164	1066495	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	1937149	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1356311	20.000	ng	0.00
86) Perylene-d12	24.047	264	1151911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	1175422	42.867	ng	0.00
7) Phenol-d6	7.184	99	1528514	41.835	ng	0.00
23) Nitrobenzene-d5	9.201	82	1358886	41.490	ng	0.00
42) 2,4,6-Tribromophenol	16.154	330	573809	37.979	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	3606218	43.253	ng	0.00
79) Terphenyl-d14	20.030	244	4164099	55.566	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.437	88	227861	21.994	ng	99
3) Pyridine	3.843	79	650113	22.162	ng	99
4) n-Nitrosodimethylamine	3.755	42	232322	22.007	ng	100
6) Aniline	7.354	93	930617	20.481	ng	99
8) 2-Chlorophenol	7.595	128	636000	20.731	ng	99
9) Benzaldehyde	7.166	77	429680	22.655	ng	100
10) Phenol	7.207	94	768920	20.943	ng	99
11) bis(2-Chloroethyl)ether	7.454	93	628256	20.434	ng	99
12) 1,3-Dichlorobenzene	7.925	146	658415	20.738	ng	99
13) 1,4-Dichlorobenzene	8.072	146	674750	20.720	ng	99
14) 1,2-Dichlorobenzene	8.390	146	673651	20.921	ng	99
15) Benzyl Alcohol	8.272	79	493990	20.299	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.572	45	717834	21.028	ng	100
17) 2-Methylphenol	8.472	107	562328	20.847	ng	98
18) Hexachloroethane	9.125	117	231189	20.405	ng	98
19) n-Nitroso-di-n-propyla...	8.848	70	503615	20.768	ng	98
20) 3+4-Methylphenols	8.801	107	734709	20.486	ng	99
22) Acetophenone	8.860	105	1046301	20.681	ng	99
24) Nitrobenzene	9.242	77	696358	21.031	ng	97
25) Isophorone	9.772	82	1363928	20.221	ng	99
26) 2-Nitrophenol	9.960	139	206097	19.698	ng	99
27) 2,4-Dimethylphenol	10.013	122	575294	20.051	ng	99
28) bis(2-Chloroethoxy)met...	10.260	93	828581	20.043	ng	99
29) 2,4-Dichlorophenol	10.489	162	537447	19.720	ng	98
30) 1,2,4-Trichlorobenzene	10.713	180	585670	19.656	ng	97
31) Naphthalene	10.901	128	2134367	20.508	ng	100
32) Benzoic acid	10.113	122	216555	19.181	ng	96
33) 4-Chloroaniline	11.007	127	900188	19.762	ng	98
34) Hexachlorobutadiene	11.195	225	333864	19.658	ng	97
35) Caprolactam	11.766	113	148296m	18.109	ng	
36) 4-Chloro-3-methylphenol	12.119	107	563459	19.341	ng	97
37) 2-Methylnaphthalene	12.507	142	1440716	19.433	ng	98
38) 1-Methylnaphthalene	12.725	142	1338475	19.165	ng	98
40) 1,2,4,5-Tetrachloroben...	12.872	216	640649	19.912	ng	99
41) Hexachlorocyclopentadiene	12.854	237	232083	20.626	ng	99
43) 2,4,6-Trichlorophenol	13.101	196	384764	19.575	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.172	196	448573	19.342	ng		97
46) 1,1'-Biphenyl	13.507	154	1815188	20.546	ng		99
47) 2-Chloronaphthalene	13.548	162	1366213	20.848	ng		98
48) 2-Nitroaniline	13.748	65	254662	18.818	ng		98
49) Acenaphthylene	14.395	152	2150495	20.350	ng		98
50) Dimethylphthalate	14.130	163	1609328	19.350	ng		99
51) 2,6-Dinitrotoluene	14.242	165	282126	19.016	ng		92
52) Acenaphthene	14.736	154	1355094	19.682	ng		100
53) 3-Nitroaniline	14.566	138	322411	18.800	ng		98
54) 2,4-Dinitrophenol	14.766	184	71405	18.822	ng		93
55) Dibenzofuran	15.066	168	2048072	19.958	ng		100
56) 4-Nitrophenol	14.860	139	251392	17.419	ng		99
57) 2,4-Dinitrotoluene	15.024	165	337518	18.279	ng		99
58) Fluorene	15.713	166	1756732	19.482	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.283	232	351371	18.423	ng		97
60) Diethylphthalate	15.489	149	1630319	19.012	ng		99
61) 4-Chlorophenyl-phenyle...	15.713	204	844791	18.879	ng		98
62) 4-Nitroaniline	15.724	138	354795	18.462	ng		98
63) Azobenzene	16.001	77	1707229	20.810	ng		97
65) 4,6-Dinitro-2-methylph...	15.783	198	111390	19.492	ng		97
66) n-Nitrosodiphenylamine	15.918	169	1385962	20.761	ng		100
67) 4-Bromophenyl-phenylether	16.601	248	442379	19.627	ng		94
68) Hexachlorobenzene	16.713	284	516189	19.451	ng		95
69) Atrazine	16.871	200	326579	19.145	ng		98
70) Pentachlorophenol	17.054	266	290966	16.961	ng		98
71) Phenanthrene	17.454	178	2303213	20.140	ng		100
72) Anthracene	17.542	178	2300882	20.105	ng		100
73) Carbazole	17.812	167	2004947	19.410	ng		99
74) Di-n-butylphthalate	18.383	149	2237724	19.218	ng		99
75) Fluoranthene	19.459	202	2049882	17.850	ng		98
77) Benzidine	19.648	184	391793	21.480	ng		99
78) Pyrene	19.824	202	2146675	22.295	ng		100
80) Butylbenzylphthalate	20.724	149	493292	19.015	ng		89
81) Benzo(a)anthracene	21.571	228	1877285	20.148	ng		98
82) 3,3'-Dichlorobenzidine	21.500	252	418591	18.722	ng	#	98
83) Chrysene	21.624	228	1806749	20.585	ng		97
84) Bis(2-ethylhexyl)phtha...	21.506	149	923727	17.413	ng	#	94
85) Di-n-octyl phthalate	22.465	149	1204402	17.682	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.612	276	1618763	19.854	ng		98
88) Benzo(b)fluoranthene	23.294	252	1441358	19.163	ng		98
89) Benzo(k)fluoranthene	23.342	252	1606025	19.791	ng	#	98
90) Benzo(a)pyrene	23.936	252	1340507	19.282	ng		98
91) Dibenzo(a,h)anthracene	26.641	278	1394278	19.715	ng		99
92) Benzo(g,h,i)perylene	27.400	276	1249376	20.512	ng		98

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

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