Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
Data File : BG054689.D
Acq On : 22 Aug 2022 19:30
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 23 00:22:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 00:12:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/23/2022
Supervised By :Jagrut Upadhyay 08/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.164	152	60945	20.000	ng		0.00
21) Naphthalene-d8	10.984	136	225807	20.000	ng		0.00
39) Acenaphthene-d10	14.792	164	138986	20.000	ng		0.00
64) Phenanthrene-d10	17.536	188	294448	20.000	ng		0.00
76) Chrysene-d12	21.831	240	262967	20.000	ng		0.00
86) Perylene-d12	25.203	264	283331	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.696	112	521632	154.981	ng		0.00
7) Phenol-d6	7.306	99	701589	149.049	ng		0.00
23) Nitrobenzene-d5	9.339	82	667874	170.760	ng		0.00
42) 2,4,6-Tribromophenol	16.278	330	220903	152.217	ng		0.00
45) 2-Fluorobiphenyl	13.423	172	1387889	156.417	ng		0.00
79) Terphenyl-d14	20.138	244	1884813	153.194	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.546	88	124596	75.814	ng		99
3) Pyridine	3.957	79	358034m	81.096	ng		
4) n-Nitrosodimethylamine	3.869	42	157543	80.158	ng		97
6) Aniline	7.483	93	431335	76.457	ng		99
8) 2-Chlorophenol	7.723	128	279005	76.413	ng		96
9) Benzaldehyde	7.295	77	204343	72.045	ng		98
10) Phenol	7.336	94	361282	75.551	ng		99
11) bis(2-Chloroethyl)ether	7.577	93	296957	77.019	ng		99
12) 1,3-Dichlorobenzene	8.047	146	330621	77.198	ng		99
13) 1,4-Dichlorobenzene	8.199	146	329944	76.331	ng		98
14) 1,2-Dichlorobenzene	8.517	146	308603	75.312	ng		99
15) Benzyl Alcohol	8.399	79	259554	77.545	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.687	45	470329	78.238	ng		99
17) 2-Methylphenol	8.593	107	251240	76.755	ng		96
18) Hexachloroethane	9.257	117	117344	77.527	ng		99
19) n-Nitroso-di-n-propyla...	8.975	70	243221	78.678	ng		97
20) 3+4-Methylphenols	8.928	107	345348	76.386	ng		97
22) Acetophenone	8.993	105	438823	80.537	ng	#	99
24) Nitrobenzene	9.380	77	339484	85.456	ng		99
25) Isophorone	9.903	82	621473	82.736	ng		100
27) 2,4-Dimethylphenol	10.138	122	240192	80.449	ng		97
28) bis(2-Chloroethoxy)met...	10.379	93	353053	81.828	ng		99
29) 2,4-Dichlorophenol	10.626	162	264960	82.943	ng		99
30) 1,2,4-Trichlorobenzene	10.843	180	309235	80.922	ng		98
31) Naphthalene	11.037	128	930672	80.180	ng		99
32) Benzoic acid	10.315	122	150524	75.565	ng		96
33) 4-Chloroaniline	11.137	127	383380	81.118	ng		98
34) Hexachlorobutadiene	11.313	225	198659	80.919	ng		97
35) Caprolactam	11.942	113	84633m	81.418	ng		
36) 4-Chloro-3-methylphenol	12.248	107	280904	82.619	ng		98
37) 2-Methylnaphthalene	12.630	142	645649	80.222	ng		98
38) 1-Methylnaphthalene	12.853	142	622844	79.534	ng		98
40) 1,2,4,5-Tetrachloroben...	12.994	216	334280	82.443	ng		100
41) Hexachlorocyclopentadiene	12.970	237	165910	77.335	ng		98
43) 2,4,6-Trichlorophenol	13.229	196	216285	85.041	ng		98
44) 2,4,5-Trichlorophenol	13.299	196	232583	81.703	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	1,1'-Biphenyl	13.628	154	802600	81.426	ng	98
47)	2-Chloronaphthalene	13.675	162	610376	81.472	ng	99
49)	Acenaphthylene	14.521	152	994575	80.775	ng	99
50)	Dimethylphthalate	14.245	163	777357	79.288	ng	98
51)	2,6-Dinitrotoluene	14.363	165	159818	86.052	ng	98
52)	Acenaphthene	14.856	154	634018	81.756	ng	99
53)	3-Nitroaniline	14.698	138	182286	85.670	ng	100
54)	2,4-Dinitrophenol	14.892	184	60461	81.571	ng	94
55)	Dibenzofuran	15.191	168	912400	78.860	ng	98
56)	4-Nitrophenol	14.986	139	139563	85.319	ng	96
57)	2,4-Dinitrotoluene	15.144	165	215162	86.324	ng	98
58)	Fluorene	15.838	166	761393	78.706	ng	98
59)	2,3,4,6-Tetrachlorophenol	15.409	232	202365	80.386	ng	97
60)	Diethylphthalate	15.597	149	767092	79.332	ng	97
61)	4-Chlorophenyl-phenyle...	15.826	204	384245	80.299	ng	99
62)	4-Nitroaniline	15.861	138	186312	84.019	ng	98
63)	Azobenzene	16.120	77	773095	83.037	ng	98
65)	4,6-Dinitro-2-methylph...	15.908	198	91314	86.387	ng	97
66)	n-Nitrosodiphenylamine	16.037	169	667145	82.871	ng	99
67)	4-Bromophenyl-phenylether	16.719	248	228251	76.502	ng	99
68)	Hexachlorobenzene	16.836	284	282767	81.444	ng	98
69)	Atrazine	16.983	200	215373	84.248	ng	98
70)	Pentachlorophenol	17.177	266	163004	86.110	ng	98
71)	Phenanthrene	17.583	178	1190739	79.527	ng	97
72)	Anthracene	17.671	178	1163201	79.726	ng	97
73)	Carbazole	17.935	167	1055809	79.581	ng	98
74)	Di-n-butylphthalate	18.487	149	1251660	79.905	ng	98
75)	Fluoranthene	19.580	202	1403237	77.620	ng	97
77)	Benzidine	19.756	184	482361	97.835	ng	98
78)	Pyrene	19.944	202	1406392	81.430	ng	96
80)	Butylbenzylphthalate	20.820	149	525627	84.768	ng	98
81)	Benzo(a)anthracene	21.813	228	1402571	82.460	ng	97
82)	3,3'-Dichlorobenzidine	21.725	252	473423	97.072	ng	97
83)	Chrysene	21.883	228	1331404	82.743	ng	97
84)	Bis(2-ethylhexyl)phtha...	21.701	149	784860	86.130	ng	97
85)	Di-n-octyl phthalate	22.976	149	1304059	86.459	ng	99
87)	Indeno(1,2,3-cd)pyrene	29.098	276	1776391	85.752	ng	99
88)	Benzo(b)fluoranthene	24.128	252	1415181	82.943	ng	99
89)	Benzo(k)fluoranthene	24.204	252	1426013	83.089	ng	98
90)	Benzo(a)pyrene	25.050	252	1233750	85.139	ng	100
91)	Dibenzo(a,h)anthracene	29.181	278	1429534	83.868	ng	99
92)	Benzo(g,h,i)perylene	30.326	276	1421954	84.122	ng	99

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

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