Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
Data File : BG053436.D
Acq On : 4 May 2022 20:10
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

Quant Time: May 05 01:10:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 01:07:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	23479	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	96339	20.000	ng	0.00
39) Acenaphthene-d10	14.719	164	75357	20.000	ng	0.00
64) Phenanthrene-d10	17.468	188	188384	20.000	ng	0.00
76) Chrysene-d12	21.745	240	190084	20.000	ng	0.00
86) Perylene-d12	25.035	264	200805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	111737	81.578	ng	0.00
7) Phenol-d6	7.259	99	171658	81.270	ng	0.00
23) Nitrobenzene-d5	9.262	82	185992	78.389	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	93896	78.318	ng	0.00
45) 2-Fluorobiphenyl	13.345	172	414738	75.890	ng	0.00
79) Terphenyl-d14	20.071	244	818675	72.740	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.546	88	28775	43.991	ng	100
3) Pyridine	3.951	79	74214	43.018	ng	100
4) n-Nitrosodimethylamine	3.857	42	35385	41.419	ng	100
6) Aniline	7.417	93	95906	39.179	ng	100
8) 2-Chlorophenol	7.664	128	58285	39.417	ng	100
9) Benzaldehyde	7.235	77	50574m	40.056	ng	
10) Phenol	7.288	94	84982	40.420	ng	100
11) bis(2-Chloroethyl)ether	7.511	93	63499	41.897	ng	100
12) 1,3-Dichlorobenzene	7.987	146	68384	39.798	ng	100
13) 1,4-Dichlorobenzene	8.134	146	67663	38.626	ng	100
14) 1,2-Dichlorobenzene	8.457	146	64920	38.431	ng	100
15) Benzyl Alcohol	8.334	79	72323	38.522	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.622	45	100778	39.828	ng	100
17) 2-Methylphenol	8.545	107	56043	39.391	ng	100
18) Hexachloroethane	9.185	117	25644	39.038	ng	100
19) n-Nitroso-di-n-propyla...	8.898	70	61139	39.537	ng	100
20) 3+4-Methylphenols	8.868	107	81404	40.531	ng	100
22) Acetophenone	8.921	105	105106	39.325	ng	100
24) Nitrobenzene	9.303	77	90581	39.249	ng	100
25) Isophorone	9.826	82	159013	39.429	ng	100
26) 2-Nitrophenol	10.020	139	36618	37.944	ng	100
27) 2,4-Dimethylphenol	10.072	122	54971	39.773	ng	100
28) bis(2-Chloroethoxy)met...	10.302	93	89126	39.338	ng	100
29) 2,4-Dichlorophenol	10.560	162	68404	39.369	ng	100
30) 1,2,4-Trichlorobenzene	10.772	180	73851	37.554	ng	100
31) Naphthalene	10.960	128	197856	38.494	ng	100
32) Benzoic acid	10.237	122	30608	40.899	ng	100
33) 4-Chloroaniline	11.065	127	86604	39.346	ng	100
34) Hexachlorobutadiene	11.247	225	55350	37.891	ng	100
35) Caprolactam	11.835	113	24175	39.473	ng	100
36) 4-Chloro-3-methylphenol	12.181	107	81480	40.280	ng	100
37) 2-Methylnaphthalene	12.557	142	150099	39.466	ng	100
38) 1-Methylnaphthalene	12.775	142	142203	38.305	ng	100
40) 1,2,4,5-Tetrachloroben...	12.927	216	97082	37.932	ng	100
41) Hexachlorocyclopentadiene	12.904	237	32216	24.384	ng	100
43) 2,4,6-Trichlorophenol	13.162	196	66461	37.663	ng	100

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44) 2,4,5-Trichlorophenol	13.239	196	70388	37.432	ng	100
46) 1,1'-Biphenyl	13.556	154	207816	38.295	ng	100
47) 2-Chloronaphthalene	13.603	162	161242	37.242	ng	100
48) 2-Nitroaniline	13.803	65	63302	38.527	ng	100
49) Acenaphthylene	14.443	152	263938	38.943	ng	100
50) Dimethylphthalate	14.167	163	234408	38.891	ng	100
51) 2,6-Dinitrotoluene	14.290	165	48749	38.769	ng	100
52) Acenaphthene	14.784	154	157339	34.233	ng	100
53) 3-Nitroaniline	14.619	138	53109	39.944	ng	100
54) 2,4-Dinitrophenol	14.837	184	26859	33.571	ng	100
55) Dibenzofuran	15.119	168	275313	38.255	ng	100
56) 4-Nitrophenol	14.937	139	38320	37.789	ng	100
57) 2,4-Dinitrotoluene	15.083	165	71319	39.839	ng	100
58) Fluorene	15.771	166	225471	38.790	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.348	232	70263	38.477	ng	100
60) Diethylphthalate	15.524	149	243941	38.628	ng	100
61) 4-Chlorophenyl-phenyle...	15.753	204	124847	37.889	ng	100
62) 4-Nitroaniline	15.782	138	54179m	38.616	ng	
63) Azobenzene	16.047	77	244973	38.475	ng	100
65) 4,6-Dinitro-2-methylph...	15.847	198	48197	36.671	ng	100
66) n-Nitrosodiphenylamine	15.970	169	202455	37.372	ng	100
67) 4-Bromophenyl-phenylether	16.652	248	91099	37.740	ng	100
68) Hexachlorobenzene	16.781	284	96815	37.036	ng	100
69) Atrazine	16.910	200	83934	39.664	ng	100
70) Pentachlorophenol	17.122	266	47682	33.375	ng	100
71) Phenanthrene	17.509	178	384943	37.410	ng	100
72) Anthracene	17.598	178	375793	36.864	ng	100
73) Carbazole	17.868	167	371927	37.533	ng	100
74) Di-n-butylphthalate	18.414	149	422616	37.604	ng	100
75) Fluoranthene	19.519	202	498264	37.776	ng	100
77) Benzidine	19.689	184	161182	29.720	ng	100
78) Pyrene	19.877	202	500376	36.961	ng	100
80) Butylbenzylphthalate	20.752	149	187105	37.072	ng	100
81) Benzo(a)anthracene	21.727	228	485483	37.355	ng	100
82) 3,3'-Dichlorobenzidine	21.633	252	127387	26.652	ng	100
83) Chrysene	21.798	228	457599	37.938	ng	100
84) Bis(2-ethylhexyl)phtha...	21.616	149	255531	37.456	ng	100
85) Di-n-octyl phthalate	22.843	149	433549	37.998	ng	100
87) Indeno(1,2,3-cd)pyrene	28.788	276	567982	38.072	ng	100
88) Benzo(b)fluoranthene	23.989	252	488486	38.556	ng	100
89) Benzo(k)fluoranthene	24.054	252	460649	36.994	ng	100
90) Benzo(a)pyrene	24.876	252	410748	38.056	ng	100
91) Dibenzo(a,h)anthracene	28.853	278	463548	37.752	ng	100
92) Benzo(g,h,i)perylene	29.969	276	461366	38.122	ng	100

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

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