Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052622\
Data File : BF128480.D
Acq On : 26 May 2022 18:28
Operator : CG\JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Quant Time: May 27 00:58:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 00:56:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	242435	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	878530	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	482644	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	871776	20.000	ng	0.00
76) Chrysene-d12	14.010	240	570420	20.000	ng	0.00
86) Perylene-d12	15.468	264	485325	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1118124	73.395	ng	0.00
7) Phenol-d6	6.469	99	1420999	70.836	ng	0.00
23) Nitrobenzene-d5	7.410	82	1235922	63.032	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	360662	72.459	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	2205101	74.715	ng	0.00
79) Terphenyl-d14	12.957	244	2286370	77.375	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	256611	34.387	ng	100
3) Pyridine	3.363	79	655330	33.909	ng	100
4) n-Nitrosodimethylamine	3.322	42	354569	38.566	ng	100
6) Aniline	6.498	93	881674m	38.426	ng	
8) 2-Chlorophenol	6.628	128	582839	37.419	ng	100
9) Benzaldehyde	6.393	77	333058	28.274	ng	100
10) Phenol	6.481	94	703930m	32.998	ng	
11) bis(2-Chloroethyl)ether	6.581	93	574440	36.080	ng	100
12) 1,3-Dichlorobenzene	6.781	146	663626	37.941	ng	100
13) 1,4-Dichlorobenzene	6.857	146	669771	37.736	ng	100
14) 1,2-Dichlorobenzene	7.016	146	609586	37.041	ng	100
15) Benzyl Alcohol	6.981	79	554726	37.353	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.116	45	1037407	44.186	ng	100
17) 2-Methylphenol	7.087	107	500010	38.226	ng	100
18) Hexachloroethane	7.357	117	238647	36.296	ng	100
19) n-Nitroso-di-n-propyla...	7.263	70	426240	35.527	ng	100
20) 3+4-Methylphenols	7.245	107	588531	37.370	ng	100
22) Acetophenone	7.257	105	772225	36.106	ng	100
24) Nitrobenzene	7.428	77	605857	33.012	ng	100
25) Isophorone	7.669	82	1096608	36.495	ng	100
26) 2-Nitrophenol	7.739	139	265656	33.402	ng	100
27) 2,4-Dimethylphenol	7.775	122	485784	41.951	ng	100
28) bis(2-Chloroethoxy)met...	7.875	93	702799	37.006	ng	100
29) 2,4-Dichlorophenol	7.975	162	507630	40.442	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	544923	38.231	ng	100
31) Naphthalene	8.145	128	1651098	38.566	ng	100
32) Benzoic acid	7.898	122	382343m	46.372	ng	
33) 4-Chloroaniline	8.198	127	673125	39.292	ng	100
34) Hexachlorobutadiene	8.263	225	348163	37.715	ng	100
35) Caprolactam	8.575	113	159684	39.414	ng	100
36) 4-Chloro-3-methylphenol	8.669	107	521780	38.360	ng	100
37) 2-Methylnaphthalene	8.839	142	1041517	37.102	ng	100
38) 1-Methylnaphthalene	8.939	142	1003965	37.181	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	507514	36.062	ng	100
41) Hexachlorocyclopentadiene	8.992	237	306537	77.233	ng	100
43) 2,4,6-Trichlorophenol	9.110	196	386081	43.467	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	396725	41.989	ng	100
46) 1,1'-Biphenyl	9.304	154	1291171	37.022	ng	100
47) 2-Chloronaphthalene	9.328	162	1037649	40.112	ng	100
48) 2-Nitroaniline	9.422	65	310766	33.159	ng	100
49) Acenaphthylene	9.745	152	1570125	40.563	ng	100
50) Dimethylphthalate	9.610	163	1205364	39.205	ng	100
51) 2,6-Dinitrotoluene	9.669	165	241857	35.969	ng	100
52) Acenaphthene	9.916	154	975383	40.126	ng	100
53) 3-Nitroaniline	9.833	138	276160	36.487	ng	100
54) 2,4-Dinitrophenol	9.933	184	99444	29.162	ng	100
55) Dibenzofuran	10.092	168	1450279	39.353	ng	100
56) 4-Nitrophenol	9.986	139	229720	52.769	ng	100
57) 2,4-Dinitrotoluene	10.069	165	302688	35.729	ng	100
58) Fluorene	10.433	166	1015075	35.145	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	320230	41.263	ng	100
60) Diethylphthalate	10.310	149	1194759	40.328	ng	100
61) 4-Chlorophenyl-phenyle...	10.428	204	515144	36.191	ng	100
62) 4-Nitroaniline	10.451	138	269954	35.241	ng	100
63) Azobenzene	10.586	77	1191010	35.878	ng	100
65) 4,6-Dinitro-2-methylph...	10.475	198	151467	28.269	ng	100
66) n-Nitrosodiphenylamine	10.545	169	1015288	40.229	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	351797	38.559	ng	100
68) Hexachlorobenzene	10.975	284	388984	39.213	ng	100
69) Atrazine	11.075	200	317063	38.272	ng	100
70) Pentachlorophenol	11.169	266	252829	62.982	ng	100
71) Phenanthrene	11.392	178	1583479	37.219	ng	100
72) Anthracene	11.445	178	1574536	37.237	ng	100
73) Carbazole	11.598	167	1531613	36.322	ng	100
74) Di-n-butylphthalate	11.933	149	1824098	39.601	ng	100
75) Fluoranthene	12.580	202	1716481	37.254	ng	100
77) Benzidine	12.704	184	560861	47.274	ng	100
78) Pyrene	12.810	202	1685184	39.457	ng	100
80) Butylbenzylphthalate	13.433	149	741802	43.310	ng	100
81) Benzo(a)anthracene	13.998	228	1295564	35.698	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	344079	41.546	ng	100
83) Chrysene	14.039	228	1367764	39.570	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	867714	38.311	ng	100
85) Di-n-octyl phthalate	14.616	149	1561465	42.903	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1133802	40.930	ng	100
88) Benzo(b)fluoranthene	15.045	252	1246834	41.299	ng	100
89) Benzo(k)fluoranthene	15.074	252	1073385	37.960	ng	100
90) Benzo(a)pyrene	15.410	252	960737	39.642	ng	100
91) Dibenzo(a,h)anthracene	16.951	278	936213	42.121	ng	100
92) Benzo(g,h,i)perylene	17.374	276	941595	40.607	ng	100

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

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