Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
Data File : BF128563.D
Acq On : 29 May 2022 11:07
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 30 00:49:50 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 01:51:59 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	165376	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	601813	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	328592	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	592757	20.000	ng		0.00
76) Chrysene-d12	14.009	240	377474	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	318242	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	776164	77.741	ng		0.00
7) Phenol-d6	6.469	99	980578	77.029	ng		0.00
23) Nitrobenzene-d5	7.410	82	931012	89.244	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	276833	88.512	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1661739	82.161	ng		0.00
79) Terphenyl-d14	12.957	244	1645003	84.193	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.598	88	169976	38.181	ng		98
3) Pyridine	3.340	79	440707	38.236	ng		97
4) n-Nitrosodimethylamine	3.298	42	246694	40.844	ng		90
6) Aniline	6.504	93	566687	38.149	ng		97
8) 2-Chlorophenol	6.628	128	408103	39.421	ng		98
9) Benzaldehyde	6.392	77	262416	50.528	ng		98
10) Phenol	6.481	94	497497m	39.439	ng		
11) bis(2-Chloroethyl)ether	6.581	93	389269	37.697	ng		97
12) 1,3-Dichlorobenzene	6.781	146	468778	39.855	ng		98
13) 1,4-Dichlorobenzene	6.857	146	467499	39.296	ng		99
14) 1,2-Dichlorobenzene	7.010	146	433110	39.554	ng		98
15) Benzyl Alcohol	6.981	79	387204	39.881	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	678103	37.105	ng		98
17) 2-Methylphenol	7.092	107	336411	38.180	ng		98
18) Hexachloroethane	7.351	117	171868	40.954	ng		94
19) n-Nitroso-di-n-propyla...	7.257	70	292505	37.476	ng		96
20) 3+4-Methylphenols	7.245	107	411921	38.697	ng		94
22) Acetophenone	7.251	105	553806	39.909	ng	#	93
24) Nitrobenzene	7.428	77	441924	42.849	ng		97
25) Isophorone	7.663	82	746271	38.778	ng		98
26) 2-Nitrophenol	7.739	139	204758	47.502	ng		95
27) 2,4-Dimethylphenol	7.775	122	338515m	39.509	ng		
28) bis(2-Chloroethoxy)met...	7.875	93	474100	37.959	ng		98
29) 2,4-Dichlorophenol	7.975	162	357046	40.267	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	386846	40.277	ng		99
31) Naphthalene	8.145	128	1160263	39.391	ng		100
32) Benzoic acid	7.892	122	271835m	44.882	ng		
33) 4-Chloroaniline	8.192	127	454339	38.740	ng		98
34) Hexachlorobutadiene	8.263	225	261485	43.119	ng		98
35) Caprolactam	8.575	113	102921	37.642	ng		97
36) 4-Chloro-3-methylphenol	8.675	107	377774	41.472	ng		98
37) 2-Methylnaphthalene	8.833	142	729816	39.254	ng		98
38) 1-Methylnaphthalene	8.933	142	710291	39.280	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	376214	41.694	ng		99
41) Hexachlorocyclopentadiene	8.986	237	218633	43.104	ng		99
43) 2,4,6-Trichlorophenol	9.110	196	269320	40.475	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	283129	41.296	ng		96
46) 1,1'-Biphenyl	9.304	154	921519	39.939	ng		99
47) 2-Chloronaphthalene	9.327	162	727534	40.168	ng		99
48) 2-Nitroaniline	9.422	65	245933	48.830	ng		99
49) Acenaphthylene	9.745	152	1112231	39.973	ng		99
50) Dimethylphthalate	9.604	163	856868	40.201	ng		100
51) 2,6-Dinitrotoluene	9.663	165	180242	46.141	ng	#	85
52) Acenaphthene	9.916	154	712905	41.527	ng		100
53) 3-Nitroaniline	9.833	138	197835	43.853	ng		99
54) 2,4-Dinitrophenol	9.933	184	88246	47.561	ng		96
55) Dibenzofuran	10.086	168	1024354	40.216	ng		96
56) 4-Nitrophenol	9.986	139	156131	42.650	ng		86
57) 2,4-Dinitrotoluene	10.069	165	238551	51.044	ng		91
58) Fluorene	10.427	166	747687	40.775	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	231619	41.687	ng		98
60) Diethylphthalate	10.304	149	860561	41.563	ng		100
61) 4-Chlorophenyl-phenyle...	10.421	204	389818	41.900	ng		95
62) 4-Nitroaniline	10.451	138	196598	45.516	ng		95
63) Azobenzene	10.580	77	850106	40.329	ng		98
65) 4,6-Dinitro-2-methylph...	10.474	198	127200	46.615	ng		91
66) n-Nitrosodiphenylamine	10.539	169	715827	40.336	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	257636	42.068	ng		93
68) Hexachlorobenzene	10.974	284	284189	42.021	ng		96
69) Atrazine	11.069	200	215674	39.158	ng		98
70) Pentachlorophenol	11.169	266	171223	41.546	ng		99
71) Phenanthrene	11.392	178	1119003	39.851	ng		99
72) Anthracene	11.445	178	1115571	39.773	ng		99
73) Carbazole	11.598	167	1040771	38.719	ng		99
74) Di-n-butylphthalate	11.933	149	1289094	40.746	ng		99
75) Fluoranthene	12.580	202	1146103	38.177	ng		98
77) Benzidine	12.698	184	336291	38.625	ng		99
78) Pyrene	12.810	202	1149604	40.426	ng		99
80) Butylbenzylphthalate	13.433	149	488148	40.697	ng		93
81) Benzo(a)anthracene	13.998	228	875912	39.040	ng		99
82) 3,3'-Dichlorobenzidine	13.962	252	231227	40.248	ng		96
83) Chrysene	14.033	228	890719	38.766	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	624753	43.064	ng		99
85) Di-n-octyl phthalate	14.604	149	1011267	39.600	ng		100
87) Indeno(1,2,3-cd)pyrene	16.927	276	833178	44.389	ng		96
88) Benzo(b)fluoranthene	15.045	252	752839	38.028	ng		98
89) Benzo(k)fluoranthene	15.074	252	748559	40.811	ng		99
90) Benzo(a)pyrene	15.409	252	631747	39.774	ng		98
91) Dibenzo(a,h)anthracene	16.950	278	693953	44.590	ng		98
92) Benzo(g,h,i)perylene	17.368	276	695604	45.062	ng		97

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

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