Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052322\
Data File : BF128404.D
Acq On : 23 May 2022 17:07
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 24 01:22:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 21 05:28:09 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	130026	20.000	ng		0.00
21) Naphthalene-d8	8.139	136	493543	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	273348	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	477484	20.000	ng		0.00
76) Chrysene-d12	14.045	240	300146	20.000	ng		0.00
86) Perylene-d12	15.527	264	247441	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	696836	85.285	ng		0.00
7) Phenol-d6	6.498	99	888863	82.615	ng		0.00
23) Nitrobenzene-d5	7.434	82	854981	77.617	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	212102	75.239	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1248030	74.665	ng		0.00
79) Terphenyl-d14	12.980	244	1244815	80.062	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	178115	44.503	ng		99
3) Pyridine	3.422	79	461011	44.477	ng		98
4) n-Nitrosodimethylamine	3.410	42	215431	43.689	ng		96
6) Aniline	6.528	93	523196	42.516	ng		98
8) 2-Chlorophenol	6.645	128	342990	41.057	ng		97
9) Benzaldehyde	6.416	77	237102	44.980	ng		97
10) Phenol	6.516	94	473718	41.404	ng		88
11) bis(2-Chloroethyl)ether	6.598	93	367372	43.023	ng		98
12) 1,3-Dichlorobenzene	6.798	146	379778	40.484	ng		96
13) 1,4-Dichlorobenzene	6.875	146	388126	40.772	ng		98
14) 1,2-Dichlorobenzene	7.028	146	335277	37.985	ng		98
15) Benzyl Alcohol	7.010	79	301344	37.834	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.128	45	503069	39.951	ng		82
17) 2-Methylphenol	7.116	107	286203	40.796	ng		95
18) Hexachloroethane	7.363	117	139922	39.678	ng		95
19) n-Nitroso-di-n-propyla...	7.275	70	244602	38.013	ng		97
20) 3+4-Methylphenols	7.275	107	325961	38.591	ng	#	72
22) Acetophenone	7.275	105	441772	36.768	ng	#	86
24) Nitrobenzene	7.451	77	408317	39.604	ng		97
25) Isophorone	7.686	82	699559	41.441	ng		99
26) 2-Nitrophenol	7.763	139	186814	41.811	ng		96
27) 2,4-Dimethylphenol	7.798	122	261938	40.265	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	425937	39.923	ng		99
29) 2,4-Dichlorophenol	8.004	162	281120	39.866	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	312180	38.987	ng		99
31) Naphthalene	8.163	128	920857	38.287	ng		100
32) Benzoic acid	7.951	122	186419m	40.246	ng		
33) 4-Chloroaniline	8.222	127	362774	37.694	ng		99
34) Hexachlorobutadiene	8.269	225	203888	39.314	ng		97
35) Caprolactam	8.610	113	96838m	42.546	ng		
36) 4-Chloro-3-methylphenol	8.704	107	317367	41.532	ng		97
37) 2-Methylnaphthalene	8.857	142	627482	39.789	ng		99
38) 1-Methylnaphthalene	8.957	142	605715	39.930	ng		98
40) 1,2,4,5-Tetrachloroben...	9.022	216	313478	39.329	ng		99
41) Hexachlorocyclopentadiene	8.998	237	84560	34.613	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	203029	40.360	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	219194	40.963	ng		94
46) 1,1'-Biphenyl	9.322	154	778651	39.422	ng		99
47) 2-Chloronaphthalene	9.345	162	577708	39.431	ng		97
48) 2-Nitroaniline	9.451	65	213302	40.185	ng		97
49) Acenaphthylene	9.763	152	852025	38.865	ng		100
50) Dimethylphthalate	9.622	163	689542	39.600	ng		99
51) 2,6-Dinitrotoluene	9.692	165	154719	40.628	ng		96
52) Acenaphthene	9.933	154	544793	39.573	ng		98
53) 3-Nitroaniline	9.869	138	172219	40.176	ng		99
54) 2,4-Dinitrophenol	9.980	184	74878	38.770	ng	#	90
55) Dibenzofuran	10.110	168	789590	37.830	ng		98
56) 4-Nitrophenol	10.039	139	91541	37.129	ng		91
57) 2,4-Dinitrotoluene	10.104	165	182137	37.961	ng	#	70
58) Fluorene	10.451	166	628957	38.450	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	173169	39.398	ng		97
60) Diethylphthalate	10.322	149	648796	38.668	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	307013	38.083	ng		97
62) 4-Nitroaniline	10.492	138	172356m	39.728	ng		
63) Azobenzene	10.604	77	736286	39.162	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	124030	42.264	ng		98
66) n-Nitrosodiphenylamine	10.563	169	553087	40.012	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	200216	40.067	ng		92
68) Hexachlorobenzene	10.998	284	214193	39.423	ng		97
69) Atrazine	11.092	200	177102	39.031	ng		97
70) Pentachlorophenol	11.204	266	80479	36.603	ng		95
71) Phenanthrene	11.421	178	909271	39.021	ng		99
72) Anthracene	11.469	178	909317	39.263	ng		99
73) Carbazole	11.633	167	869407	37.644	ng		99
74) Di-n-butylphthalate	11.945	149	961565	38.114	ng		99
75) Fluoranthene	12.610	202	935471	37.069	ng		99
77) Benzidine	12.733	184	272962	43.725	ng		99
78) Pyrene	12.839	202	949794	42.264	ng		99
80) Butylbenzylphthalate	13.445	149	383879	42.595	ng		98
81) Benzo(a)anthracene	14.033	228	761905	39.898	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	168869	38.751	ng		99
83) Chrysene	14.068	228	722220	39.709	ng		100
84) Bis(2-ethylhexyl)phtha...	13.998	149	483320	40.555	ng		99
85) Di-n-octyl phthalate	14.615	149	741823	38.736	ng		100
87) Indeno(1,2,3-cd)pyrene	17.045	276	527576	37.355	ng		98
88) Benzo(b)fluoranthene	15.092	252	584568	37.978	ng		99
89) Benzo(k)fluoranthene	15.121	252	599449	41.580	ng		99
90) Benzo(a)pyrene	15.468	252	490190	39.671	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	427068	37.687	ng		97
92) Benzo(g,h,i)perylene	17.498	276	449416	38.014	ng		98

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

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