Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132472.D
Acq On : 20 Feb 2023 10:54
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 20 11:46:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 18 00:58:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/21/2023
Supervised By :Jagrut Upadhyay 02/21/2023

02/21/2023
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02/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.025	152	265746	20.000	ng		0.00
21) Naphthalene-d8	8.313	136	941241	20.000	ng		0.00
39) Acenaphthene-d10	10.078	164	506435	20.000	ng		0.00
64) Phenanthrene-d10	11.572	188	970024	20.000	ng		0.00
76) Chrysene-d12	14.236	240	574391	20.000	ng		0.00
86) Perylene-d12	15.795	264	511609	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.648	112	1262012	76.095	ng		0.00
7) Phenol-d6	6.654	99	1674314	77.316	ng		0.00
23) Nitrobenzene-d5	7.595	82	1579146	80.614	ng		0.00
42) 2,4,6-Tribromophenol	10.872	330	421247	83.367	ng		0.00
45) 2-Fluorobiphenyl	9.389	172	2336937	71.262	ng		0.00
79) Terphenyl-d14	13.166	244	2665808	84.524	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.907	88	357679	39.867	ng		99
3) Pyridine	3.678	79	975563	40.059	ng		98
4) n-Nitrosodimethylamine	3.649	42	377303	39.239	ng		92
6) Aniline	6.695	93	1194092	39.580	ng		98
8) 2-Chlorophenol	6.813	128	667425	39.420	ng		97
9) Benzaldehyde	6.578	77	403923	34.886	ng		100
10) Phenol	6.666	94	904799	39.426	ng		99
11) bis(2-Chloroethyl)ether	6.760	93	769489	39.529	ng		98
12) 1,3-Dichlorobenzene	6.972	146	708514	38.414	ng		97
13) 1,4-Dichlorobenzene	7.048	146	705174	38.327	ng		98
14) 1,2-Dichlorobenzene	7.201	146	639305	37.926	ng		98
15) Benzyl Alcohol	7.166	79	662944	41.387	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.301	45	1027161	37.949	ng		97
17) 2-Methylphenol	7.272	107	635662	39.439	ng		99
18) Hexachloroethane	7.542	117	281970	40.589	ng		96
19) n-Nitroso-di-n-propyla...	7.442	70	507043	38.193	ng		98
20) 3+4-Methylphenols	7.431	107	751335	37.756	ng	#	72
22) Acetophenone	7.437	105	904534	37.080	ng		97
24) Nitrobenzene	7.613	77	850920	39.620	ng		99
25) Isophorone	7.848	82	1533992	39.852	ng		100
26) 2-Nitrophenol	7.931	139	375425	44.967	ng		90
27) 2,4-Dimethylphenol	7.960	122	602376m	39.961	ng		
28) bis(2-Chloroethoxy)met...	8.054	93	902455	40.119	ng		99
29) 2,4-Dichlorophenol	8.172	162	568308	39.962	ng		98
30) 1,2,4-Trichlorobenzene	8.254	180	626925	39.639	ng		97
31) Naphthalene	8.337	128	1856871	38.014	ng		99
32) Benzoic acid	8.078	122	429752m	40.748	ng		
33) 4-Chloroaniline	8.384	127	774558	38.166	ng		97
34) Hexachlorobutadiene	8.448	225	396150	39.675	ng		99
35) Caprolactam	8.766	113	201866	43.724	ng		95
36) 4-Chloro-3-methylphenol	8.860	107	648448	40.751	ng		100
37) 2-Methylnaphthalene	9.031	142	1274332	38.764	ng		98
38) 1-Methylnaphthalene	9.131	142	1191653	38.584	ng		100
40) 1,2,4,5-Tetrachloroben...	9.195	216	642785	39.170	ng		99
41) Hexachlorocyclopentadiene	9.178	237	364006	40.386	ng		97
43) 2,4,6-Trichlorophenol	9.307	196	445239	41.188	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.348	196	517609	41.110	ng		100
46) 1,1'-Biphenyl	9.495	154	1473659	37.596	ng		99
47) 2-Chloronaphthalene	9.525	162	1177374	38.269	ng		98
48) 2-Nitroaniline	9.619	65	443201	41.058	ng		93
49) Acenaphthylene	9.942	152	1865155	38.157	ng		99
50) Dimethylphthalate	9.795	163	1470629	39.433	ng		99
51) 2,6-Dinitrotoluene	9.860	165	335275	41.338	ng		93
52) Acenaphthene	10.113	154	1191619	39.172	ng		99
53) 3-Nitroaniline	10.031	138	381593	40.979	ng		96
54) 2,4-Dinitrophenol	10.136	184	209187	44.002	ng		97
55) Dibenzofuran	10.283	168	1709124	37.868	ng		99
56) 4-Nitrophenol	10.183	139	282071	41.752	ng		94
57) 2,4-Dinitrotoluene	10.266	165	447016	41.869	ng		98
58) Fluorene	10.631	166	1306507	38.288	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.401	232	398286	41.855	ng		97
60) Diethylphthalate	10.495	149	1420949	38.759	ng		99
61) 4-Chlorophenyl-phenyle...	10.619	204	685314	38.351	ng		96
62) 4-Nitroaniline	10.654	138	348270	40.081	ng		93
63) Azobenzene	10.778	77	1553087	38.287	ng		99
65) 4,6-Dinitro-2-methylph...	10.678	198	273417	45.337	ng		94
66) n-Nitrosodiphenylamine	10.736	169	1181519	39.685	ng		99
67) 4-Bromophenyl-phenylether	11.113	248	434257	40.846	ng		94
68) Hexachlorobenzene	11.183	284	445487	40.086	ng		95
69) Atrazine	11.266	200	375147	40.937	ng		98
70) Pentachlorophenol	11.378	266	299943	43.411	ng		99
71) Phenanthrene	11.601	178	1902804	38.086	ng		99
72) Anthracene	11.654	178	1953296	38.032	ng		99
73) Carbazole	11.807	167	1778744	38.475	ng		99
74) Di-n-butylphthalate	12.125	149	2161937	39.261	ng		99
75) Fluoranthene	12.795	202	2112226	37.910	ng		98
77) Benzidine	12.913	184	357136	29.199	ng		98
78) Pyrene	13.030	202	2116538	43.377	ng		99
80) Butylbenzylphthalate	13.636	149	853423	46.872	ng		97
81) Benzo(a)anthracene	14.224	228	1691716	40.213	ng		99
82) 3,3'-Dichlorobenzidine	14.183	252	476217	42.380	ng	#	97
83) Chrysene	14.266	228	1558742	38.780	ng		99
84) Bis(2-ethylhexyl)phtha...	14.189	149	997984	42.341	ng		98
85) Di-n-octyl phthalate	14.818	149	1481894	43.299	ng		98
87) Indeno(1,2,3-cd)pyrene	17.424	276	1543733	47.203	ng		99
88) Benzo(b)fluoranthene	15.330	252	1312461	39.010	ng		100
89) Benzo(k)fluoranthene	15.360	252	1296326	38.503	ng		100
90) Benzo(a)pyrene	15.730	252	1270090	40.622	ng		99
91) Dibenzo(a,h)anthracene	17.442	278	1260177	46.784	ng		100
92) Benzo(g,h,i)perylene	17.918	276	1331901	48.148	ng		97

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

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