Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
Data File : BF132565.D
Acq On : 28 Feb 2023 11:23
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 28 12:52:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Jagrut Upadhyay 03/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.004	152	165433	20.000	ng		0.00
21) Naphthalene-d8	8.292	136	583294	20.000	ng		0.00
39) Acenaphthene-d10	10.051	164	321500	20.000	ng		0.00
64) Phenanthrene-d10	11.551	188	641876	20.000	ng	#	0.00
76) Chrysene-d12	14.210	240	399346	20.000	ng		0.00
86) Perylene-d12	15.757	264	346299	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.628	112	834750	81.893	ng		0.00
7) Phenol-d6	6.634	99	1079507	81.147	ng		0.00
23) Nitrobenzene-d5	7.575	82	1021239	83.066	ng		0.00
42) 2,4,6-Tribromophenol	10.851	330	324684	93.513	ng		0.00
45) 2-Fluorobiphenyl	9.369	172	1702865	80.650	ng		0.00
79) Terphenyl-d14	13.139	244	2067192	87.521	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.863	88	222651	39.488	ng		99
3) Pyridine	3.640	79	596712	39.869	ng		100
4) n-Nitrosodimethylamine	3.604	42	240564	42.552	ng		98
6) Aniline	6.669	93	739930	41.331	ng		99
8) 2-Chlorophenol	6.792	128	433831	41.008	ng		97
9) Benzaldehyde	6.557	77	275475	38.376	ng		97
10) Phenol	6.645	94	625458m	41.009	ng		
11) bis(2-Chloroethyl)ether	6.740	93	472502	40.131	ng		98
12) 1,3-Dichlorobenzene	6.945	146	465479	41.001	ng		98
13) 1,4-Dichlorobenzene	7.022	146	461050	40.671	ng		98
14) 1,2-Dichlorobenzene	7.181	146	426719	39.223	ng		96
15) Benzyl Alcohol	7.145	79	450435	43.965	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.275	45	603508	40.196	ng		98
17) 2-Methylphenol	7.251	107	406197	41.140	ng		98
18) Hexachloroethane	7.516	117	184886	41.747	ng		98
19) n-Nitroso-di-n-propyla...	7.416	70	324877	39.681	ng		98
20) 3+4-Methylphenols	7.410	107	494888	38.797	ng		91
22) Acetophenone	7.416	105	615939	41.878	ng	#	88
24) Nitrobenzene	7.592	77	550638	41.878	ng		97
25) Isophorone	7.828	82	983494	41.725	ng		99
26) 2-Nitrophenol	7.904	139	245761	42.363	ng		97
27) 2,4-Dimethylphenol	7.939	122	377842	41.266	ng		99
28) bis(2-Chloroethoxy)met...	8.034	93	568280	41.214	ng		98
29) 2,4-Dichlorophenol	8.145	162	386150	42.396	ng		97
30) 1,2,4-Trichlorobenzene	8.228	180	420145	42.481	ng		99
31) Naphthalene	8.316	128	1233557	41.310	ng		100
32) Benzoic acid	8.057	122	313160m	43.770	ng		
33) 4-Chloroaniline	8.363	127	552983	43.215	ng		96
34) Hexachlorobutadiene	8.428	225	280924	44.700	ng		99
35) Caprolactam	8.745	113	129241	43.041	ng		98
36) 4-Chloro-3-methylphenol	8.839	107	435536	43.542	ng		97
37) 2-Methylnaphthalene	9.004	142	866902	42.600	ng		100
38) 1-Methylnaphthalene	9.104	142	808982	42.538	ng		99
40) 1,2,4,5-Tetrachloroben...	9.169	216	450839	42.861	ng		99
41) Hexachlorocyclopentadiene	9.157	237	253815	44.488	ng		100
43) 2,4,6-Trichlorophenol	9.281	196	305742	42.890	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.328	196	363445	43.684	ng		98
46) 1,1'-Biphenyl	9.469	154	1014752	41.701	ng		98
47) 2-Chloronaphthalene	9.498	162	803779	41.662	ng		99
48) 2-Nitroaniline	9.592	65	298920	42.068	ng		99
49) Acenaphthylene	9.916	152	1274677	41.514	ng		100
50) Dimethylphthalate	9.769	163	1008742	43.092	ng		99
51) 2,6-Dinitrotoluene	9.833	165	231186	43.365	ng		95
52) Acenaphthene	10.092	154	834545	42.803	ng		100
53) 3-Nitroaniline	10.010	138	251889	42.238	ng		99
54) 2,4-Dinitrophenol	10.110	184	146869	44.554	ng		93
55) Dibenzofuran	10.263	168	1197862	42.142	ng		99
56) 4-Nitrophenol	10.163	139	191838	43.134	ng		89
57) 2,4-Dinitrotoluene	10.239	165	312908	44.118	ng		97
58) Fluorene	10.604	166	926471	42.613	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.380	232	284020	45.955	ng		99
60) Diethylphthalate	10.469	149	1025470	44.854	ng		99
61) 4-Chlorophenyl-phenyle...	10.592	204	492112	43.631	ng		100
62) 4-Nitroaniline	10.628	138	252330	43.104	ng		95
63) Azobenzene	10.757	77	1027005	42.415	ng		99
65) 4,6-Dinitro-2-methylph...	10.651	198	195362	44.961	ng		93
66) n-Nitrosodiphenylamine	10.716	169	819802	40.968	ng		99
67) 4-Bromophenyl-phenylether	11.086	248	315407	43.441	ng		97
68) Hexachlorobenzene	11.157	284	330591	43.272	ng		96
69) Atrazine	11.239	200	268204	42.932	ng		98
70) Pentachlorophenol	11.351	266	223714	49.217	ng		98
71) Phenanthrene	11.575	178	1375126	41.354	ng		98
72) Anthracene	11.627	178	1412829	41.260	ng		99
73) Carbazole	11.780	167	1275225	41.306	ng		99
74) Di-n-butylphthalate	12.098	149	1563046	43.161	ng		99
75) Fluoranthene	12.774	202	1530028	42.090	ng		98
77) Benzidine	12.886	184	455056	46.811	ng		99
78) Pyrene	13.004	202	1564097	43.079	ng		100
80) Butylbenzylphthalate	13.610	149	617683	43.111	ng		98
81) Benzo(a)anthracene	14.198	228	1253452	41.949	ng		99
82) 3,3'-Dichlorobenzidine	14.157	252	374788	42.545	ng	#	98
83) Chrysene	14.233	228	1166152	41.736	ng		99
84) Bis(2-ethylhexyl)phtha...	14.168	149	751301	42.686	ng		99
85) Di-n-octyl phthalate	14.792	149	1053112	40.945	ng		99
87) Indeno(1,2,3-cd)pyrene	17.368	276	1090836	48.073	ng		97
88) Benzo(b)fluoranthene	15.298	252	960880	41.404	ng		99
89) Benzo(k)fluoranthene	15.327	252	962961	42.397	ng		99
90) Benzo(a)pyrene	15.692	252	918317	42.280	ng		99
91) Dibenzo(a,h)anthracene	17.386	278	877105	47.442	ng		97
92) Benzo(g,h,i)perylene	17.862	276	922518	44.283	ng		98

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

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