Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
Data File : BF132710.D
Acq On : 09 Mar 2023 10:43
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 09 12:23:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 11:52:47 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
03/10/2023
Supervised By :Jagrut Upadhyay
03/10/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.981	152	266483	20.000	ng		0.00
21) Naphthalene-d8	8.269	136	915334	20.000	ng		0.00
39) Acenaphthene-d10	10.033	164	490768	20.000	ng		0.00
64) Phenanthrene-d10	11.527	188	902815	20.000	ng		0.00
76) Chrysene-d12	14.186	240	503369	20.000	ng		0.00
86) Perylene-d12	15.727	264	438241	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.610	112	1214413	73.962	ng		0.00
7) Phenol-d6	6.622	99	1597968	74.571	ng		0.00
23) Nitrobenzene-d5	7.557	82	1479477	76.686	ng		0.00
42) 2,4,6-Tribromophenol	10.827	330	437128	82.476	ng		0.00
45) 2-Fluorobiphenyl	9.345	172	2391809	74.209	ng		0.00
79) Terphenyl-d14	13.115	244	2595843	87.191	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.840	88	320516	35.289	ng		97
3) Pyridine	3.622	79	923079	38.288	ng		96
4) n-Nitrosodimethylamine	3.587	42	337495	37.061	ng		93
6) Aniline	6.651	93	1107107	38.390	ng		98
8) 2-Chlorophenol	6.775	128	645625	37.886	ng		97
9) Benzaldehyde	6.539	77	411343	35.574	ng		99
10) Phenol	6.639	94	903304	36.768	ng		92
11) bis(2-Chloroethyl)ether	6.722	93	737617	38.892	ng		95
12) 1,3-Dichlorobenzene	6.928	146	715734	39.138	ng		97
13) 1,4-Dichlorobenzene	6.998	146	711877	38.985	ng		99
14) 1,2-Dichlorobenzene	7.157	146	643448	36.717	ng		98
15) Benzyl Alcohol	7.128	79	644861	39.075	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.257	45	899142	37.177	ng		97
17) 2-Methylphenol	7.239	107	607772	38.214	ng		99
18) Hexachloroethane	7.492	117	286297	40.132	ng		96
19) n-Nitroso-di-n-propyla...	7.398	70	458404	34.759	ng		96
20) 3+4-Methylphenols	7.392	107	656454	31.948	ng		94
22) Acetophenone	7.398	105	854114	37.006	ng	#	90
24) Nitrobenzene	7.575	77	800149	38.779	ng		100
25) Isophorone	7.810	82	1458548	39.432	ng		99
26) 2-Nitrophenol	7.886	139	369883	40.630	ng		97
27) 2,4-Dimethylphenol	7.922	122	572849	39.869	ng		99
28) bis(2-Chloroethoxy)met...	8.010	93	878314	40.591	ng		100
29) 2,4-Dichlorophenol	8.133	162	572704	40.069	ng		98
30) 1,2,4-Trichlorobenzene	8.210	180	636578	41.016	ng		98
31) Naphthalene	8.292	128	1845415	39.382	ng		100
32) Benzoic acid	8.051	122	404114m	36.675	ng		
33) 4-Chloroaniline	8.339	127	823448	41.008	ng		98
34) Hexachlorobutadiene	8.404	225	434565	44.063	ng		98
35) Caprolactam	8.733	113	181162m	38.447	ng		
36) 4-Chloro-3-methylphenol	8.822	107	629619	40.112	ng		100
37) 2-Methylnaphthalene	8.986	142	1248367	39.092	ng		99
38) 1-Methylnaphthalene	9.086	142	1168644	39.159	ng		99
40) 1,2,4,5-Tetrachloroben...	9.151	216	675644	42.078	ng		99
41) Hexachlorocyclopentadiene	9.133	237	371336	42.638	ng		100
43) 2,4,6-Trichlorophenol	9.263	196	445881	40.976	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	514563	40.516	ng		98
46) 1,1'-Biphenyl	9.451	154	1453795	39.138	ng		98
47) 2-Chloronaphthalene	9.480	162	1155173	39.224	ng		98
48) 2-Nitroaniline	9.575	65	399326	36.815	ng		94
49) Acenaphthylene	9.898	152	1821715	38.866	ng		99
50) Dimethylphthalate	9.751	163	1463970	40.968	ng		99
51) 2,6-Dinitrotoluene	9.816	165	329319	40.467	ng		96
52) Acenaphthene	10.069	154	1164958m	39.142	ng		
53) 3-Nitroaniline	9.992	138	354327	38.922	ng		97
54) 2,4-Dinitrophenol	10.098	184	175331	35.245	ng	#	88
55) Dibenzofuran	10.239	168	1672311	38.542	ng		96
56) 4-Nitrophenol	10.151	139	229361	33.784	ng		100
57) 2,4-Dinitrotoluene	10.222	165	429821	39.700	ng		99
58) Fluorene	10.586	166	1279299	38.546	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.357	232	382633	40.558	ng		99
60) Diethylphthalate	10.445	149	1413864	40.512	ng		99
61) 4-Chlorophenyl-phenyle...	10.569	204	707106	41.070	ng		99
62) 4-Nitroaniline	10.610	138	340421	38.095	ng		100
63) Azobenzene	10.733	77	1426213	38.587	ng		99
65) 4,6-Dinitro-2-methylph...	10.633	198	257408	42.118	ng		94
66) n-Nitrosodiphenylamine	10.692	169	1149059	40.825	ng		99
67) 4-Bromophenyl-phenylether	11.063	248	441097	43.193	ng		95
68) Hexachlorobenzene	11.133	284	464633	43.239	ng		95
69) Atrazine	11.221	200	376907	42.894	ng		97
70) Pentachlorophenol	11.333	266	256035	40.047	ng		97
71) Phenanthrene	11.557	178	1822824	38.974	ng		99
72) Anthracene	11.604	178	1880609	39.047	ng		99
73) Carbazole	11.763	167	1644686	37.875	ng		100
74) Di-n-butylphthalate	12.074	149	2113730	41.497	ng		99
75) Fluoranthene	12.751	202	1940755	37.958	ng		98
77) Benzidine	12.868	184	562983	45.945	ng		99
78) Pyrene	12.980	202	1970935	43.066	ng		100
80) Butylbenzylphthalate	13.586	149	821201	45.471	ng		98
81) Benzo(a)anthracene	14.174	228	1524313	40.472	ng		98
82) 3,3'-Dichlorobenzidine	14.133	252	422923	38.088	ng		99
83) Chrysene	14.215	228	1405390	39.903	ng		99
84) Bis(2-ethylhexyl)phtha...	14.145	149	1021019	46.022	ng		99
85) Di-n-octyl phthalate	14.768	149	1525462	47.053	ng		98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1291671	44.982	ng		98
88) Benzo(b)fluoranthene	15.268	252	1213356	41.315	ng		99
89) Benzo(k)fluoranthene	15.304	252	1115197	38.799	ng		99
90) Benzo(a)pyrene	15.662	252	1117960	40.673	ng		99
91) Dibenzo(a,h)anthracene	17.345	278	1051346	44.936	ng		97
92) Benzo(g,h,i)perylene	17.815	276	1085499	41.288	ng		98

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

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