Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041723\
Data File : BF132890.D
Acq On : 17 Apr 2023 15:33
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 18 04:45:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 04:30:31 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/18/2023
Supervised By :Jagrut Upadhyay 04/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	322996	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	1205259	20.000	ng		0.00
39) Acenaphthene-d10	9.810	164	605228	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	1037762	20.000	ng		0.00
76) Chrysene-d12	13.927	240	669023	20.000	ng		0.00
86) Perylene-d12	15.351	264	655058	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	2289222	110.825	ng		0.00
7) Phenol-d6	6.404	99	2885861	109.486	ng		0.00
23) Nitrobenzene-d5	7.340	82	2651690	114.680	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	735478	121.157	ng		0.00
45) 2-Fluorobiphenyl	9.134	172	3992886	101.350	ng		0.00
79) Terphenyl-d14	12.880	244	4400214	112.210	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.452	88	579812	57.525	ng		99
3) Pyridine	3.163	79	1607832	58.326	ng		98
4) n-Nitrosodimethylamine	3.134	42	766216	58.498	ng		98
6) Aniline	6.440	93	1981556	56.688	ng		98
8) 2-Chlorophenol	6.557	128	1146312	54.702	ng		99
9) Benzaldehyde	6.316	77	755690	48.455	ng		96
10) Phenol	6.422	94	1640049	55.321	ng		92
11) bis(2-Chloroethyl)ether	6.510	93	1238813	55.347	ng		98
12) 1,3-Dichlorobenzene	6.710	146	1248221	54.192	ng		98
13) 1,4-Dichlorobenzene	6.787	146	1253696	54.321	ng		97
14) 1,2-Dichlorobenzene	6.946	146	1135454	52.691	ng		98
15) Benzyl Alcohol	6.916	79	1029116	56.970	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	2135496	55.139	ng		99
17) 2-Methylphenol	7.022	107	1081660	56.355	ng		99
18) Hexachloroethane	7.287	117	445642	55.638	ng		91
19) n-Nitroso-di-n-propyla...	7.198	70	919236	55.872	ng		98
20) 3+4-Methylphenols	7.187	107	1177602	51.909	ng	#	81
22) Acetophenone	7.187	105	1497357	52.958	ng		98
24) Nitrobenzene	7.357	77	1377006	58.101	ng		99
25) Isophorone	7.598	82	2571588	58.633	ng		99
26) 2-Nitrophenol	7.669	139	592463	66.266	ng		93
27) 2,4-Dimethylphenol	7.710	122	1050243	57.586	ng		97
28) bis(2-Chloroethoxy)met...	7.810	93	1466684	55.931	ng		100
29) 2,4-Dichlorophenol	7.910	162	985843	58.074	ng		95
30) 1,2,4-Trichlorobenzene	7.998	180	1034621	56.446	ng		98
31) Naphthalene	8.081	128	3284365	53.925	ng		100
32) Benzoic acid	7.851	122	639843m	70.325	ng		
33) 4-Chloroaniline	8.128	127	1403893	56.278	ng		99
34) Hexachlorobutadiene	8.198	225	590659	56.329	ng		99
35) Caprolactam	8.522	113	320574m	63.413	ng		
36) 4-Chloro-3-methylphenol	8.610	107	1038984	58.312	ng		95
37) 2-Methylnaphthalene	8.769	142	2228544	53.160	ng		98
38) 1-Methylnaphthalene	8.869	142	2078911	53.222	ng		100
40) 1,2,4,5-Tetrachloroben...	8.934	216	962401	56.219	ng		100
41) Hexachlorocyclopentadiene	8.922	237	575932	63.830	ng		99
43) 2,4,6-Trichlorophenol	9.045	196	642745	59.230	ng		99

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44)	2,4,5-Trichlorophenol	9.081	196	749954	59.102	ng		98
46)	1,1'-Biphenyl	9.234	154	2576455	53.700	ng		99
47)	2-Chloronaphthalene	9.257	162	1951689	54.969	ng		98
48)	2-Nitroaniline	9.351	65	658791	64.139	ng		97
49)	Acenaphthylene	9.675	152	3073972	54.282	ng		99
50)	Dimethylphthalate	9.539	163	2368180	56.596	ng		99
51)	2,6-Dinitrotoluene	9.598	165	557803	60.802	ng		98
52)	Acenaphthene	9.845	154	1999301	54.788	ng		99
53)	3-Nitroaniline	9.763	138	641308	61.430	ng		98
54)	2,4-Dinitrophenol	9.863	184	245954	68.822	ng		94
55)	Dibenzofuran	10.016	168	2797109	54.025	ng		100
56)	4-Nitrophenol	9.916	139	484707	62.503	ng		95
57)	2,4-Dinitrotoluene	9.998	165	697953	61.642	ng		99
58)	Fluorene	10.357	166	1980961	52.232	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.128	232	590667	59.978	ng		99
60)	Diethylphthalate	10.239	149	2230349	57.042	ng		99
61)	4-Chlorophenyl-phenyle...	10.351	204	1035059	53.656	ng		96
62)	4-Nitroaniline	10.381	138	625188	62.306	ng		98
63)	Azobenzene	10.510	77	2410142	55.182	ng		98
65)	4,6-Dinitro-2-methylph...	10.404	198	334669	67.338	ng		98
66)	n-Nitrosodiphenylamine	10.475	169	1878300	55.574	ng		99
67)	4-Bromophenyl-phenylether	10.839	248	681719	57.528	ng		95
68)	Hexachlorobenzene	10.904	284	711318	57.858	ng	#	92
69)	Atrazine	10.998	200	557687	59.034	ng		99
70)	Pentachlorophenol	11.092	266	515782	65.014	ng		100
71)	Phenanthrene	11.316	178	3019769	54.098	ng		98
72)	Anthracene	11.369	178	3098803	54.230	ng		99
73)	Carbazole	11.522	167	2728792	55.191	ng		99
74)	Di-n-butylphthalate	11.857	149	3221157	60.773	ng		100
75)	Fluoranthene	12.504	202	3089271	55.653	ng		98
77)	Benzidine	12.622	184	713672	68.479	ng		98
78)	Pyrene	12.727	202	3138171	57.365	ng		99
80)	Butylbenzylphthalate	13.357	149	842732	62.142	ng		89
81)	Benzo(a)anthracene	13.916	228	2652572	58.300	ng		100
82)	3,3'-Dichlorobenzidine	13.880	252	757525	68.829	ng		99
83)	Chrysene	13.957	228	2633342	58.231	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.922	149	1221855	70.609	ng		98
85)	Di-n-octyl phthalate	14.533	149	2403609	61.791	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.757	276	2351462	62.822	ng		100
88)	Benzo(b)fluoranthene	14.945	252	2511712	61.556	ng		99
89)	Benzo(k)fluoranthene	14.980	252	2346601	57.731	ng		99
90)	Benzo(a)pyrene	15.298	252	2272263	60.954	ng		98
91)	Dibenzo(a,h)anthracene	16.780	278	1967490	61.690	ng		97
92)	Benzo(g,h,i)perylene	17.186	276	1927594	63.125	ng		100

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

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