Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
Data File : BF132734.D
Acq On : 10 Mar 2023 11:12
Operator : CG\JU
Sample : PB151329BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 10 11:43:23 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 16:26:19 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB151329BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.981	152	264076	20.000	ng		0.00
21) Naphthalene-d8	8.269	136	978805	20.000	ng		0.00
39) Acenaphthene-d10	10.028	164	524478	20.000	ng		0.00
64) Phenanthrene-d10	11.527	188	977217	20.000	ng		0.00
76) Chrysene-d12	14.186	240	584805	20.000	ng		0.00
86) Perylene-d12	15.727	264	503227	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.622	112	1526339	93.806	ng		0.01
7) Phenol-d6	6.622	99	1958144	92.212	ng		0.00
23) Nitrobenzene-d5	7.551	82	1301574	63.090	ng		0.00
42) 2,4,6-Tribromophenol	10.827	330	527056	93.051	ng		0.00
45) 2-Fluorobiphenyl	9.345	172	2079955	60.385	ng		0.00
79) Terphenyl-d14	13.116	244	2360603	68.248	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.940	88	365869	40.650	ng		95
3) Pyridine	3.687	79	904788	37.872	ng		94
4) n-Nitrosodimethylamine	3.663	42	354157	39.245	ng		83
6) Aniline	6.645	93	1005558	35.187	ng		96
8) 2-Chlorophenol	6.775	128	731472	43.315	ng		94
9) Benzaldehyde	6.534	77	428324	37.380	ng		98
10) Phenol	6.634	94	970836	39.877	ng		97
11) bis(2-Chloroethyl)ether	6.716	93	819226	43.589	ng		95
12) 1,3-Dichlorobenzene	6.922	146	813382	44.883	ng		98
13) 1,4-Dichlorobenzene	6.998	146	804605	44.464	ng		99
14) 1,2-Dichlorobenzene	7.151	146	727240	41.876	ng		98
15) Benzyl Alcohol	7.128	79	666203	40.736	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.251	45	984878	41.093	ng		93
17) 2-Methylphenol	7.234	107	621932	39.461	ng		98
18) Hexachloroethane	7.492	117	322330	45.594	ng		98
19) n-Nitroso-di-n-propyla...	7.398	70	488130	37.350	ng		92
20) 3+4-Methylphenols	7.387	107	687329	33.756	ng		94
22) Acetophenone	7.392	105	963692	39.046	ng	#	93
24) Nitrobenzene	7.569	77	869917	39.427	ng		100
25) Isophorone	7.804	82	1636675	41.379	ng		99
26) 2-Nitrophenol	7.886	139	428051	43.970	ng		88
27) 2,4-Dimethylphenol	7.916	122	647691	42.154	ng		98
28) bis(2-Chloroethoxy)met...	8.010	93	984595	42.553	ng		99
29) 2,4-Dichlorophenol	8.128	162	649655	42.505	ng		98
30) 1,2,4-Trichlorobenzene	8.210	180	717362	43.224	ng		96
31) Naphthalene	8.292	128	2014446	40.202	ng		100
32) Benzoic acid	8.051	122	411867m	35.134	ng		
33) 4-Chloroaniline	8.334	127	470602	21.916	ng		97
34) Hexachlorobutadiene	8.398	225	459110	43.533	ng		98
35) Caprolactam	8.728	113	222984m	44.253	ng		
36) 4-Chloro-3-methylphenol	8.822	107	702666	41.862	ng		97
37) 2-Methylnaphthalene	8.981	142	1339457	39.225	ng		99
38) 1-Methylnaphthalene	9.081	142	1245682	39.033	ng		99
40) 1,2,4,5-Tetrachloroben...	9.151	216	723498	42.163	ng		99
41) Hexachlorocyclopentadiene	9.133	237	847261	91.032	ng		99
43) 2,4,6-Trichlorophenol	9.263	196	475213	40.864	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	518404	38.195	ng		98
46) 1,1'-Biphenyl	9.445	154	1620787	40.829	ng		99
47) 2-Chloronaphthalene	9.475	162	1311136	41.658	ng		100
48) 2-Nitroaniline	9.575	65	429712	37.070	ng		91
49) Acenaphthylene	9.892	152	1981758	39.563	ng		100
50) Dimethylphthalate	9.745	163	1568843	41.081	ng		99
51) 2,6-Dinitrotoluene	9.816	165	355106	40.831	ng		90
52) Acenaphthene	10.069	154	1378855m	43.351	ng		
53) 3-Nitroaniline	9.986	138	276597	28.431	ng		96
54) 2,4-Dinitrophenol	10.098	184	390866	71.519	ng		97
55) Dibenzofuran	10.239	168	1786439	38.526	ng		99
56) 4-Nitrophenol	10.157	139	493220	67.980	ng		96
57) 2,4-Dinitrotoluene	10.222	165	467707	40.423	ng		99
58) Fluorene	10.586	166	1389932	39.188	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	413955	41.058	ng		98
60) Diethylphthalate	10.445	149	1480861	39.705	ng		100
61) 4-Chlorophenyl-phenyle...	10.569	204	738599	40.142	ng		97
62) 4-Nitroaniline	10.610	138	373264	39.086	ng		95
63) Azobenzene	10.733	77	1521546	38.520	ng		98
65) 4,6-Dinitro-2-methylph...	10.633	198	278747	42.137	ng		98
66) n-Nitrosodiphenylamine	10.692	169	1248752	40.989	ng		99
67) 4-Bromophenyl-phenylether	11.063	248	473484	42.834	ng		99
68) Hexachlorobenzene	11.133	284	523535	45.011	ng		97
69) Atrazine	11.216	200	437301	45.979	ng		99
70) Pentachlorophenol	11.333	266	476523	68.860	ng		99
71) Phenanthrene	11.551	178	2011525	39.734	ng		100
72) Anthracene	11.604	178	2073204	39.769	ng		99
73) Carbazole	11.763	167	1852651	39.416	ng		99
74) Di-n-butylphthalate	12.074	149	2262134	41.030	ng		99
75) Fluoranthene	12.751	202	2168471	39.182	ng		99
77) Benzidine	12.869	184	1051543	73.866	ng		100
78) Pyrene	12.980	202	2213541	41.632	ng		100
80) Butylbenzylphthalate	13.586	149	933008	44.468	ng		100
81) Benzo(a)anthracene	14.174	228	1790629	40.923	ng		97
82) 3,3'-Dichlorobenzidine	14.133	252	343826	26.653	ng	#	98
83) Chrysene	14.215	228	1664384	40.676	ng		100
84) Bis(2-ethylhexyl)phtha...	14.139	149	1195076	46.366	ng		100
85) Di-n-octyl phthalate	14.763	149	1820471	48.333	ng		97
87) Indeno(1,2,3-cd)pyrene	17.327	276	1489297	45.166	ng		100
88) Benzo(b)fluoranthene	15.268	252	1566932	46.464	ng		98
89) Benzo(k)fluoranthene	15.304	252	1338705	40.560	ng		99
90) Benzo(a)pyrene	15.662	252	1260420	39.934	ng		99
91) Dibenzo(a,h)anthracene	17.339	278	1206689	44.915	ng		98
92) Benzo(g,h,i)perylene	17.809	276	1211128	40.163	ng		99

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

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