Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
Data File : BF133291.D
Acq On : 08 May 2023 13:10
Operator : CG\JU
Sample : PB152610BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 09 05:03:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 04:59:36 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152610BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
Supervised By :Jagrut Upadhyay
05/09/2023

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.722	152	225594	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	958767	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	506141	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	889572	20.000	ng		0.00
76) Chrysene-d12	13.880	240	498329	20.000	ng		0.00
86) Perylene-d12	15.292	264	420024	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1876999	125.687	ng		0.02
7) Phenol-d6	6.375	99	2290294	123.558	ng		0.00
23) Nitrobenzene-d5	7.298	82	1472603	82.905	ng		0.00
42) 2,4,6-Tribromophenol	10.557	330	575481	113.056	ng		0.00
45) 2-Fluorobiphenyl	9.092	172	2405890	79.524	ng		0.00
79) Terphenyl-d14	12.833	244	2608199	90.267	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.458	88	238464	34.426	ng		98
3) Pyridine	3.152	79	631664	34.334	ng		97
4) n-Nitrosodimethylamine	3.116	42	399490	41.922	ng		100
6) Aniline	6.387	93	809674	33.914	ng	#	42
8) 2-Chlorophenol	6.510	128	715913	47.215	ng		97
9) Benzaldehyde	6.269	77	371152	45.517	ng		99
10) Phenol	6.393	94	844606	41.303	ng		82
11) bis(2-Chloroethyl)ether	6.463	93	675643	44.030	ng		98
12) 1,3-Dichlorobenzene	6.663	146	732957	45.466	ng		99
13) 1,4-Dichlorobenzene	6.740	146	735999	45.554	ng		99
14) 1,2-Dichlorobenzene	6.893	146	711751	47.783	ng		97
15) Benzyl Alcohol	6.875	79	595003	46.470	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.010	45	1073133	40.264	ng		95
17) 2-Methylphenol	6.993	107	579373	41.729	ng		97
18) Hexachloroethane	7.234	117	266949	47.524	ng		92
19) n-Nitroso-di-n-propyla...	7.151	70	459914	39.855	ng		97
20) 3+4-Methylphenols	7.145	107	685124	41.901	ng		91
22) Acetophenone	7.140	105	970817	43.712	ng	#	96
24) Nitrobenzene	7.316	77	744977	41.389	ng		98
25) Isophorone	7.551	82	1423650	42.214	ng		98
26) 2-Nitrophenol	7.628	139	404362	46.577	ng		96
27) 2,4-Dimethylphenol	7.675	122	653346	43.888	ng		99
28) bis(2-Chloroethoxy)met...	7.763	93	848089	42.508	ng		99
29) 2,4-Dichlorophenol	7.875	162	603003	44.496	ng		98
30) 1,2,4-Trichlorobenzene	7.951	180	621920	44.297	ng		99
31) Naphthalene	8.034	128	2007162	41.872	ng		99
32) Benzoic acid	7.822	122	452556	49.216	ng		99
33) 4-Chloroaniline	8.081	127	503640	26.004	ng		98
34) Hexachlorobutadiene	8.151	225	333890	42.909	ng		99
35) Caprolactam	8.469	113	216531m	47.562	ng		
36) 4-Chloro-3-methylphenol	8.575	107	654191	44.765	ng		96
37) 2-Methylnaphthalene	8.722	142	1335461	40.750	ng		98
38) 1-Methylnaphthalene	8.822	142	1247024	40.676	ng		99
40) 1,2,4,5-Tetrachloroben...	8.892	216	541907	39.821	ng		98
41) Hexachlorocyclopentadiene	8.881	237	645238	81.299	ng		98
43) 2,4,6-Trichlorophenol	9.004	196	404402	42.970	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	431036	39.601	ng		98
46) 1,1'-Biphenyl	9.187	154	1652055	41.163	ng		99
47) 2-Chloronaphthalene	9.210	162	1244329	42.359	ng		98
48) 2-Nitroaniline	9.310	65	404545	41.669	ng		96
49) Acenaphthylene	9.628	152	1905976	40.606	ng		99
50) Dimethylphthalate	9.492	163	1495216	42.367	ng		100
51) 2,6-Dinitrotoluene	9.551	165	346625	43.637	ng		100
52) Acenaphthene	9.798	154	1400602m	44.553	ng		
53) 3-Nitroaniline	9.722	138	306490	32.451	ng		99
54) 2,4-Dinitrophenol	9.834	184	378951	94.910	ng		97
55) Dibenzofuran	9.969	168	1708316	39.837	ng		98
56) 4-Nitrophenol	9.898	139	587938	80.372	ng		90
57) 2,4-Dinitrotoluene	9.957	165	437688	43.207	ng		98
58) Fluorene	10.316	166	1253450	39.896	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	355076	42.079	ng		98
60) Diethylphthalate	10.192	149	1394874	41.843	ng		100
61) 4-Chlorophenyl-phenyle...	10.304	204	597975	39.056	ng		96
62) 4-Nitroaniline	10.345	138	395054	45.509	ng		95
63) Azobenzene	10.463	77	1400908	39.670	ng		99
65) 4,6-Dinitro-2-methylph...	10.369	198	258043	47.858	ng		87
66) n-Nitrosodiphenylamine	10.428	169	1170911	40.579	ng		99
67) 4-Bromophenyl-phenylether	10.792	248	390045	40.428	ng		96
68) Hexachlorobenzene	10.863	284	428615	43.355	ng		97
69) Atrazine	10.957	200	394115	47.401	ng		98
70) Pentachlorophenol	11.057	266	484226	68.774	ng		98
71) Phenanthrene	11.269	178	1918321	40.122	ng		100
72) Anthracene	11.322	178	1989302	40.656	ng		99
73) Carbazole	11.480	167	1818150	41.731	ng		99
74) Di-n-butylphthalate	11.810	149	2163112	43.872	ng		100
75) Fluoranthene	12.457	202	1917739	39.966	ng		97
77) Benzidine	12.575	184	751493	89.177	ng	#	93
78) Pyrene	12.686	202	1985731	46.484	ng		99
80) Butylbenzylphthalate	13.304	149	851838	56.318	ng		94
81) Benzo(a)anthracene	13.869	228	1380274	40.278	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	391105	41.314	ng		99
83) Chrysene	13.910	228	1428093	41.684	ng		100
84) Bis(2-ethylhexyl)phtha...	13.869	149	923052	48.620	ng		99
85) Di-n-octyl phthalate	14.480	149	1537995	49.683	ng		97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1252399	52.420	ng		98
88) Benzo(b)fluoranthene	14.892	252	1306386	48.889	ng		99
89) Benzo(k)fluoranthene	14.921	252	1128131	42.589	ng		98
90) Benzo(a)pyrene	15.239	252	1049737	43.160	ng		99
91) Dibenzo(a,h)anthracene	16.692	278	1048696	52.627	ng		99
92) Benzo(g,h,i)perylene	17.092	276	1042480	52.990	ng		99

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

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