Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
Data File : BF133029.D
Acq On : 25 Apr 2023 13:38
Operator : CG\JU
Sample : PB152297BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 25 14:37:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 22 03:30:56 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152297BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	222984	20.000	ng		0.00
21) Naphthalene-d8	8.033	136	922250	20.000	ng		0.00
39) Acenaphthene-d10	9.786	164	507832	20.000	ng		0.00
64) Phenanthrene-d10	11.269	188	908075	20.000	ng		0.00
76) Chrysene-d12	13.904	240	560042	20.000	ng		0.00
86) Perylene-d12	15.321	264	441841	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1885351	127.724	ng		0.02
7) Phenol-d6	6.392	99	2278696	124.371	ng		0.00
23) Nitrobenzene-d5	7.316	82	1406251	82.304	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	675380	132.240	ng		0.00
45) 2-Fluorobiphenyl	9.110	172	2438177	80.323	ng		0.00
79) Terphenyl-d14	12.857	244	2922270	89.992	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.493	88	245749	35.893	ng		98
3) Pyridine	3.187	79	653113	35.915	ng		99
4) n-Nitrosodimethylamine	3.151	42	386160	40.997	ng		99
6) Aniline	6.410	93	858249	36.370	ng	#	44
8) 2-Chlorophenol	6.534	128	703852	46.963	ng		96
9) Benzaldehyde	6.292	77	390197	50.444	ng		97
10) Phenol	6.410	94	832920	41.209	ng	#	67
11) bis(2-Chloroethyl)ether	6.481	93	682831	45.020	ng		99
12) 1,3-Dichlorobenzene	6.686	146	736587	46.226	ng		99
13) 1,4-Dichlorobenzene	6.763	146	741736	46.446	ng		99
14) 1,2-Dichlorobenzene	6.916	146	708247	48.105	ng		97
15) Benzyl Alcohol	6.892	79	558514	44.130	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.028	45	1113108	42.253	ng		96
17) 2-Methylphenol	7.010	107	590983	43.063	ng		97
18) Hexachloroethane	7.257	117	249295	44.901	ng		92
19) n-Nitroso-di-n-propyla...	7.169	70	461310	40.444	ng		99
20) 3+4-Methylphenols	7.163	107	674215	41.716	ng		98
22) Acetophenone	7.157	105	939283	43.967	ng	#	97
24) Nitrobenzene	7.333	77	693086	40.031	ng		98
25) Isophorone	7.575	82	1324846	40.839	ng		100
26) 2-Nitrophenol	7.645	139	391404	46.870	ng		99
27) 2,4-Dimethylphenol	7.692	122	621066	43.372	ng		99
28) bis(2-Chloroethoxy)met...	7.786	93	786805	40.998	ng		99
29) 2,4-Dichlorophenol	7.892	162	569584	43.694	ng		99
30) 1,2,4-Trichlorobenzene	7.975	180	589665	43.663	ng		99
31) Naphthalene	8.057	128	1925863	41.767	ng		99
32) Benzoic acid	7.833	122	474485	53.644	ng		96
33) 4-Chloroaniline	8.104	127	415616	22.309	ng		97
34) Hexachlorobutadiene	8.175	225	328350	43.868	ng		99
35) Caprolactam	8.480	113	214499m	48.982	ng		
36) 4-Chloro-3-methylphenol	8.592	107	653642	46.498	ng		96
37) 2-Methylnaphthalene	8.745	142	1313084	41.653	ng		99
38) 1-Methylnaphthalene	8.845	142	1235036	41.880	ng		100
40) 1,2,4,5-Tetrachloroben...	8.916	216	549545	40.247	ng		99
41) Hexachlorocyclopentadiene	8.904	237	741154	93.073	ng		97
43) 2,4,6-Trichlorophenol	9.022	196	405684	42.962	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	439192	40.216	ng		99
46) 1,1'-Biphenyl	9.210	154	1620972	40.254	ng		100
47) 2-Chloronaphthalene	9.233	162	1218163	41.330	ng		100
48) 2-Nitroaniline	9.327	65	407880	41.872	ng		97
49) Acenaphthylene	9.645	152	1899090	40.325	ng		99
50) Dimethylphthalate	9.516	163	1490937	42.105	ng		99
51) 2,6-Dinitrotoluene	9.569	165	354810	44.519	ng		98
52) Acenaphthene	9.822	154	1420532m	45.036	ng		
53) 3-Nitroaniline	9.739	138	298513	31.501	ng		100
54) 2,4-Dinitrophenol	9.845	184	434917	108.565	ng		96
55) Dibenzofuran	9.992	168	1722672	40.038	ng		100
56) 4-Nitrophenol	9.910	139	673231	91.725	ng		90
57) 2,4-Dinitrotoluene	9.974	165	467682	46.014	ng		93
58) Fluorene	10.333	166	1274829	40.441	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.110	232	379985	44.881	ng		98
60) Diethylphthalate	10.216	149	1420058	42.457	ng		98
61) 4-Chlorophenyl-phenyle...	10.327	204	616998	40.165	ng		99
62) 4-Nitroaniline	10.363	138	406528	46.675	ng		95
63) Azobenzene	10.486	77	1427690	40.294	ng		99
65) 4,6-Dinitro-2-methylph...	10.386	198	278071	50.521	ng		95
66) n-Nitrosodiphenylamine	10.445	169	1206500	40.960	ng		100
67) 4-Bromophenyl-phenylether	10.816	248	411825	41.816	ng		99
68) Hexachlorobenzene	10.880	284	461012	45.682	ng		99
69) Atrazine	10.974	200	417857	49.232	ng		98
70) Pentachlorophenol	11.074	266	562539	78.269	ng		98
71) Phenanthrene	11.292	178	1990151	40.776	ng		99
72) Anthracene	11.345	178	2019303	40.428	ng		100
73) Carbazole	11.498	167	1865245	41.939	ng		99
74) Di-n-butylphthalate	11.833	149	2213465	43.978	ng		99
75) Fluoranthene	12.474	202	2037571	41.598	ng		99
77) Benzidine	12.598	184	971354	102.565	ng	#	93
78) Pyrene	12.704	202	2117760	44.112	ng		99
80) Butylbenzylphthalate	13.327	149	901130	53.012	ng		94
81) Benzo(a)anthracene	13.892	228	1632818	42.397	ng		99
82) 3,3'-Dichlorobenzidine	13.857	252	428313	40.258	ng		99
83) Chrysene	13.933	228	1634405	42.449	ng		99
84) Bis(2-ethylhexyl)phtha...	13.892	149	964663	45.212	ng		100
85) Di-n-octyl phthalate	14.504	149	1556076	44.728	ng		98
87) Indeno(1,2,3-cd)pyrene	16.709	276	1356989	53.993	ng		99
88) Benzo(b)fluoranthene	14.915	252	1406515	50.037	ng		98
89) Benzo(k)fluoranthene	14.945	252	1207906	43.349	ng		98
90) Benzo(a)pyrene	15.262	252	1092481	42.699	ng		98
91) Dibenzo(a,h)anthracene	16.727	278	1149110	54.819	ng		99
92) Benzo(g,h,i)perylene	17.127	276	1147583	55.453	ng		99

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

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