Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051223\
Data File : BF133368.D
Acq On : 12 May 2023 14:18
Operator : CG\JU
Sample : PB152754BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 12 14:40:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 16:40:17 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152754BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.722	152	193331	20.000	ng		0.00
21) Naphthalene-d8	8.004	136	776560	20.000	ng		0.00
39) Acenaphthene-d10	9.757	164	397042	20.000	ng		0.00
64) Phenanthrene-d10	11.239	188	725694	20.000	ng		0.00
76) Chrysene-d12	13.874	240	457347	20.000	ng		0.00
86) Perylene-d12	15.292	264	383517	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1277670	99.832	ng		0.01
7) Phenol-d6	6.369	99	1572619	98.999	ng		0.00
23) Nitrobenzene-d5	7.287	82	945082	65.690	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	384526	96.300	ng		0.00
45) 2-Fluorobiphenyl	9.081	172	1660336	69.961	ng		0.00
79) Terphenyl-d14	12.827	244	1744030	65.768	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	225421	37.973	ng		97
3) Pyridine	3.152	79	530720	33.661	ng		98
4) n-Nitrosodimethylamine	3.110	42	303820	37.203	ng		98
6) Aniline	6.387	93	718631	35.124	ng	#	54
8) 2-Chlorophenol	6.510	128	567641	43.684	ng		96
9) Benzaldehyde	6.269	77	319011	45.736	ng		98
10) Phenol	6.381	94	700653	39.982	ng	#	71
11) bis(2-Chloroethyl)ether	6.457	93	535688	40.735	ng		99
12) 1,3-Dichlorobenzene	6.663	146	604666	43.768	ng		96
13) 1,4-Dichlorobenzene	6.740	146	615166	44.429	ng		98
14) 1,2-Dichlorobenzene	6.892	146	577260	45.222	ng		98
15) Benzyl Alcohol	6.869	79	444598	40.518	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.004	45	851343	37.273	ng		93
17) 2-Methylphenol	6.987	107	472431	39.705	ng		97
18) Hexachloroethane	7.234	117	215109	44.686	ng		99
19) n-Nitroso-di-n-propyla...	7.140	70	367072	37.118	ng		96
20) 3+4-Methylphenols	7.145	107	574448	40.995	ng	#	67
22) Acetophenone	7.134	105	769743	42.790	ng	#	95
24) Nitrobenzene	7.310	77	588650	40.378	ng		98
25) Isophorone	7.545	82	1088445	39.847	ng		98
26) 2-Nitrophenol	7.622	139	320492	45.578	ng		99
27) 2,4-Dimethylphenol	7.669	122	518214	42.979	ng		100
28) bis(2-Chloroethoxy)met...	7.763	93	662136	40.975	ng		100
29) 2,4-Dichlorophenol	7.869	162	478533	43.596	ng		100
30) 1,2,4-Trichlorobenzene	7.951	180	492635	43.322	ng		99
31) Naphthalene	8.028	128	1626121	41.883	ng		99
32) Benzoic acid	7.804	122	283950	38.125	ng		99
33) 4-Chloroaniline	8.081	127	455344	29.027	ng		99
34) Hexachlorobutadiene	8.145	225	266729	42.321	ng		99
35) Caprolactam	8.457	113	167738m	45.490	ng		
36) 4-Chloro-3-methylphenol	8.569	107	507033	42.836	ng		97
37) 2-Methylnaphthalene	8.722	142	1082743	40.790	ng		100
38) 1-Methylnaphthalene	8.816	142	1003079	40.395	ng		100
40) 1,2,4,5-Tetrachloroben...	8.886	216	444629	41.650	ng		99
41) Hexachlorocyclopentadiene	8.875	237	492718	79.140	ng		99
43) 2,4,6-Trichlorophenol	8.998	196	308158	41.740	ng		98

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44)	2,4,5-Trichlorophenol	9.045	196	334331	39.156	ng		97
46)	1,1'-Biphenyl	9.181	154	1326918	42.146	ng		99
47)	2-Chloronaphthalene	9.204	162	989023	42.919	ng		98
48)	2-Nitroaniline	9.304	65	321089	42.160	ng		94
49)	Acenaphthylene	9.622	152	1528816	41.521	ng		100
50)	Dimethylphthalate	9.486	163	1153359	41.660	ng		100
51)	2,6-Dinitrotoluene	9.545	165	266198	42.720	ng		99
52)	Acenaphthene	9.792	154	1120685m	45.444	ng		
53)	3-Nitroaniline	9.716	138	250689	33.836	ng		96
54)	2,4-Dinitrophenol	9.828	184	263202	84.034	ng		99
55)	Dibenzofuran	9.963	168	1369833	40.721	ng		97
56)	4-Nitrophenol	9.892	139	432368	75.346	ng		93
57)	2,4-Dinitrotoluene	9.951	165	349535	43.986	ng		98
58)	Fluorene	10.310	166	1019567	41.369	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.086	232	274104	41.409	ng		99
60)	Diethylphthalate	10.186	149	1070245	40.927	ng		100
61)	4-Chlorophenyl-phenyle...	10.298	204	477789	39.781	ng		94
62)	4-Nitroaniline	10.333	138	302506	44.424	ng		97
63)	Azobenzene	10.463	77	1082885	39.091	ng		95
65)	4,6-Dinitro-2-methylph...	10.363	198	195087	44.352	ng		85
66)	n-Nitrosodiphenylamine	10.422	169	938837	39.883	ng		99
67)	4-Bromophenyl-phenylether	10.786	248	307870	39.117	ng		95
68)	Hexachlorobenzene	10.857	284	332077	41.176	ng		98
69)	Atrazine	10.951	200	319817	47.151	ng		98
70)	Pentachlorophenol	11.051	266	382083	66.521	ng		97
71)	Phenanthrene	11.269	178	1575359	40.390	ng		99
72)	Anthracene	11.316	178	1618341	40.544	ng		99
73)	Carbazole	11.475	167	1477742	41.577	ng		99
74)	Di-n-butylphthalate	11.804	149	1673216	41.599	ng		100
75)	Fluoranthene	12.451	202	1568219	40.062	ng		99
77)	Benzidine	12.574	184	885087	114.441	ng	#	94
78)	Pyrene	12.680	202	1624186	41.428	ng		99
80)	Butylbenzylphthalate	13.304	149	688374	49.589	ng		96
81)	Benzo(a)anthracene	13.868	228	1218678	38.749	ng		100
82)	3,3'-Dichlorobenzidine	13.827	252	331424	38.146	ng		98
83)	Chrysene	13.904	228	1197042	38.071	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.863	149	767670	44.059	ng		100
85)	Di-n-octyl phthalate	14.474	149	1218506	42.889	ng		97
87)	Indeno(1,2,3-cd)pyrene	16.674	276	1048537	48.064	ng		98
88)	Benzo(b)fluoranthene	14.892	252	1057016	43.322	ng		99
89)	Benzo(k)fluoranthene	14.921	252	981570	40.584	ng		99
90)	Benzo(a)pyrene	15.233	252	874394	39.373	ng		99
91)	Dibenzo(a,h)anthracene	16.686	278	868206	47.717	ng		100
92)	Benzo(g,h,i)perylene	17.092	276	883146	49.165	ng		96

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

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