Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
Data File : BF133438.D
Acq On : 18 May 2023 15:03
Operator : CG\JU
Sample : PB152875BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 18:53:13 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 18 18:12:00 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB152875BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.716	152	233338	20.000	ng		0.00
21) Naphthalene-d8	7.998	136	943831	20.000	ng		0.00
39) Acenaphthene-d10	9.757	164	516230	20.000	ng		0.00
64) Phenanthrene-d10	11.239	188	916757	20.000	ng		0.00
76) Chrysene-d12	13.880	240	461159	20.000	ng		0.00
86) Perylene-d12	15.298	264	444956	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1432796	92.758	ng		0.01
7) Phenol-d6	6.369	99	1760819	91.841	ng		0.00
23) Nitrobenzene-d5	7.287	82	1055672	60.373	ng		0.00
42) 2,4,6-Tribromophenol	10.545	330	491627	94.695	ng		0.00
45) 2-Fluorobiphenyl	9.081	172	2007823	65.070	ng		0.00
79) Terphenyl-d14	12.821	244	1825987	68.289	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	257492	35.939	ng		95
3) Pyridine	3.157	79	614416	32.288	ng		95
4) n-Nitrosodimethylamine	3.122	42	323749	32.846	ng		94
6) Aniline	6.381	93	776042	31.427	ng	#	24
8) 2-Chlorophenol	6.504	128	645102	41.133	ng		96
9) Benzaldehyde	6.257	77	342917	38.128	ng		99
10) Phenol	6.381	94	783316	37.035	ng	#	73
11) bis(2-Chloroethyl)ether	6.457	93	612376	38.583	ng		95
12) 1,3-Dichlorobenzene	6.657	146	711619	42.678	ng		97
13) 1,4-Dichlorobenzene	6.734	146	709250	42.441	ng		97
14) 1,2-Dichlorobenzene	6.887	146	665094	43.169	ng		98
15) Benzyl Alcohol	6.869	79	496442	37.485	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.998	45	935557	33.937	ng		84
17) 2-Methylphenol	6.987	107	542933	37.806	ng		94
18) Hexachloroethane	7.222	117	242618	41.759	ng		94
19) n-Nitroso-di-n-propyla...	7.139	70	422164	35.369	ng		93
20) 3+4-Methylphenols	7.139	107	672288	39.751	ng	#	72
22) Acetophenone	7.128	105	903919	41.344	ng	#	92
24) Nitrobenzene	7.304	77	652904	36.848	ng		98
25) Isophorone	7.545	82	1231737	37.101	ng		100
26) 2-Nitrophenol	7.622	139	382418	44.746	ng		91
27) 2,4-Dimethylphenol	7.669	122	585693	39.966	ng		97
28) bis(2-Chloroethoxy)met...	7.757	93	734751	37.410	ng		99
29) 2,4-Dichlorophenol	7.869	162	549792	41.211	ng		98
30) 1,2,4-Trichlorobenzene	7.945	180	586210	42.415	ng		99
31) Naphthalene	8.022	128	1872818	39.688	ng		99
32) Benzoic acid	7.816	122	343596	37.958	ng		96
33) 4-Chloroaniline	8.075	127	494054	25.913	ng		99
34) Hexachlorobutadiene	8.139	225	315308	41.162	ng		99
35) Caprolactam	8.457	113	195515m	43.626	ng		
36) 4-Chloro-3-methylphenol	8.569	107	592618	41.193	ng		100
37) 2-Methylnaphthalene	8.716	142	1222134	37.882	ng		98
38) 1-Methylnaphthalene	8.810	142	1161796	38.495	ng		99
40) 1,2,4,5-Tetrachloroben...	8.886	216	508704	36.650	ng		99
41) Hexachlorocyclopentadiene	8.869	237	534407	66.018	ng		98
43) 2,4,6-Trichlorophenol	8.998	196	374982	39.065	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.045	196	409143	36.855	ng		96
46)	1,1'-Biphenyl	9.180	154	1578513	38.562	ng		98
47)	2-Chloronaphthalene	9.204	162	1182399	39.464	ng		99
48)	2-Nitroaniline	9.304	65	381558	38.533	ng		98
49)	Acenaphthylene	9.616	152	1863857	38.933	ng		100
50)	Dimethylphthalate	9.486	163	1439890	40.002	ng		99
51)	2,6-Dinitrotoluene	9.545	165	336385	41.520	ng		93
52)	Acenaphthene	9.792	154	1372689m	42.811	ng		
53)	3-Nitroaniline	9.716	138	294903	30.613	ng		98
54)	2,4-Dinitrophenol	9.828	184	342610	84.132	ng		96
55)	Dibenzofuran	9.963	168	1616937	36.969	ng		99
56)	4-Nitrophenol	9.898	139	511215	68.518	ng		98
57)	2,4-Dinitrotoluene	9.951	165	415631	40.228	ng		96
58)	Fluorene	10.304	166	1249760	39.001	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.086	232	341083	39.631	ng		98
60)	Diethylphthalate	10.180	149	1311823	38.583	ng		100
61)	4-Chlorophenyl-phenyle...	10.292	204	611458	39.156	ng		94
62)	4-Nitroaniline	10.333	138	367518	41.510	ng		96
63)	Azobenzene	10.457	77	1284708	35.669	ng		96
65)	4,6-Dinitro-2-methylph...	10.363	198	249534	44.907	ng		88
66)	n-Nitrosodiphenylamine	10.416	169	1135106	38.171	ng		99
67)	4-Bromophenyl-phenylether	10.780	248	377495	37.967	ng		93
68)	Hexachlorobenzene	10.851	284	421540	41.375	ng		96
69)	Atrazine	10.951	200	392080	45.758	ng		96
70)	Pentachlorophenol	11.051	266	525340	72.401	ng		97
71)	Phenanthrene	11.263	178	1878999	38.134	ng		100
72)	Anthracene	11.316	178	1916045	37.998	ng		99
73)	Carbazole	11.474	167	1727441	38.473	ng		99
74)	Di-n-butylphthalate	11.804	149	1985963	39.085	ng		99
75)	Fluoranthene	12.451	202	1590968	32.173	ng		96
77)	Benzidine	12.574	184	862388	110.585	ng	#	93
78)	Pyrene	12.680	202	1607020	40.651	ng		99
80)	Butylbenzylphthalate	13.298	149	648092	46.301	ng		99
81)	Benzo(a)anthracene	13.868	228	1192590	37.606	ng		99
82)	3,3'-Dichlorobenzidine	13.833	252	314353	35.883	ng	#	99
83)	Chrysene	13.904	228	1177834	37.150	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.863	149	749818	42.678	ng		98
85)	Di-n-octyl phthalate	14.468	149	1167897	40.768	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	16.686	276	1113806	44.007	ng		98
88)	Benzo(b)fluoranthene	14.892	252	1151443	40.676	ng		99
89)	Benzo(k)fluoranthene	14.921	252	944099	33.645	ng		100
90)	Benzo(a)pyrene	15.239	252	913862	35.468	ng		99
91)	Dibenzo(a,h)anthracene	16.698	278	927687	43.946	ng		98
92)	Benzo(g,h,i)perylene	17.098	276	937789	44.998	ng		95

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

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