Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
Data File : BF133295.D
Acq On : 08 May 2023 15:21
Operator : CG\JU
Sample : 02655-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 09 05:05:20 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 :
SS-2MS

Manual Integrations APPROVED

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

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05/09/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.722	152	211504	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	865968	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	445456	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	759099	20.000	ng	#	0.00
76) Chrysene-d12	13.880	240	390034	20.000	ng		0.00
86) Perylene-d12	15.292	264	398959	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.345	112	1194976	85.348	ng		0.02
7) Phenol-d6	6.369	99	1462168	84.137	ng		0.00
23) Nitrobenzene-d5	7.292	82	890799	55.525	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	347547	77.579	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1525831	57.306	ng		0.00
79) Terphenyl-d14	12.827	244	1621056	71.680	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	274833	42.319	ng		99
3) Pyridine	3.157	79	694514	40.265	ng		98
4) n-Nitrosodimethylamine	3.122	42	390536	43.712	ng		98
6) Aniline	6.387	93	639116	28.554	ng	#	28
8) 2-Chlorophenol	6.510	128	662501	46.603	ng		96
9) Benzaldehyde	6.269	77	471218	89.557	ng		99
10) Phenol	6.387	94	794021	41.416	ng		77
11) bis(2-Chloroethyl)ether	6.463	93	634227	44.085	ng		96
12) 1,3-Dichlorobenzene	6.663	146	699482	46.280	ng		99
13) 1,4-Dichlorobenzene	6.739	146	702795	46.397	ng		99
14) 1,2-Dichlorobenzene	6.892	146	672194	48.134	ng		96
15) Benzyl Alcohol	6.875	79	558330	46.510	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	1018788	40.772	ng		92
17) 2-Methylphenol	6.992	107	547983	42.097	ng		97
18) Hexachloroethane	7.234	117	253808	48.195	ng		93
19) n-Nitroso-di-n-propyla...	7.145	70	426508	39.422	ng		96
20) 3+4-Methylphenols	7.145	107	643651	41.987	ng	#	77
22) Acetophenone	7.134	105	888715	44.303	ng	#	94
24) Nitrobenzene	7.310	77	670661	41.253	ng		100
25) Isophorone	7.551	82	1268578	41.646	ng		99
26) 2-Nitrophenol	7.628	139	373117	47.584	ng		95
27) 2,4-Dimethylphenol	7.675	122	596650	44.375	ng		98
28) bis(2-Chloroethoxy)met...	7.763	93	774303	42.969	ng		99
29) 2,4-Dichlorophenol	7.875	162	548209	44.788	ng		98
30) 1,2,4-Trichlorobenzene	7.951	180	567442	44.748	ng		100
31) Naphthalene	8.033	128	1847373	42.669	ng		99
32) Benzoic acid	7.745	122	45271m	5.451	ng		
33) 4-Chloroaniline	8.081	127	267766	15.307	ng		99
34) Hexachlorobutadiene	8.151	225	311121	44.267	ng		99
35) Caprolactam	8.451	113	184936m	44.976	ng		
36) 4-Chloro-3-methylphenol	8.575	107	583730	44.224	ng		99
37) 2-Methylnaphthalene	8.722	142	1213526	40.997	ng		98
38) 1-Methylnaphthalene	8.822	142	1147134	41.427	ng		100
40) 1,2,4,5-Tetrachloroben...	8.892	216	499206	41.680	ng		99
41) Hexachlorocyclopentadiene	8.875	237	595986	85.323	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	353454	42.672	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	383469	40.030	ng		99
46) 1,1'-Biphenyl	9.186	154	1481744	41.949	ng		99
47) 2-Chloronaphthalene	9.210	162	1129604	43.692	ng		99
48) 2-Nitroaniline	9.310	65	373248	43.682	ng		99
49) Acenaphthylene	9.622	152	1747113	42.292	ng		100
50) Dimethylphthalate	9.492	163	1319975	42.496	ng		99
51) 2,6-Dinitrotoluene	9.551	165	308698	44.157	ng		95
52) Acenaphthene	9.798	154	1147675m	41.480	ng		
53) 3-Nitroaniline	9.716	138	236320	28.430	ng		97
54) 2,4-Dinitrophenol	9.822	184	114526	32.591	ng		91
55) Dibenzofuran	9.969	168	1556674	41.246	ng		98
56) 4-Nitrophenol	9.892	139	474475	73.698	ng		90
57) 2,4-Dinitrotoluene	9.957	165	399196	44.776	ng		92
58) Fluorene	10.310	166	1138684	41.181	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.086	232	277764	37.401	ng		99
60) Diethylphthalate	10.192	149	1238415	42.211	ng		98
61) 4-Chlorophenyl-phenyle...	10.304	204	545996	40.520	ng		98
62) 4-Nitroaniline	10.339	138	358580	46.935	ng		96
63) Azobenzene	10.463	77	1283353	41.292	ng		99
65) 4,6-Dinitro-2-methylph...	10.363	198	134431	29.217	ng		81
66) n-Nitrosodiphenylamine	10.422	169	1076818	43.732	ng		98
67) 4-Bromophenyl-phenylether	10.792	248	351914	42.745	ng		97
68) Hexachlorobenzene	10.857	284	377758	44.779	ng		94
69) Atrazine	10.957	200	371731	52.393	ng		99
70) Pentachlorophenol	11.051	266	252936	42.099	ng		97
71) Phenanthrene	11.269	178	1766767	43.304	ng		99
72) Anthracene	11.322	178	1765169	42.276	ng		99
73) Carbazole	11.474	167	1656395	44.552	ng		99
74) Di-n-butylphthalate	11.810	149	1938120	46.065	ng		100
75) Fluoranthene	12.457	202	1755837	42.881	ng		96
77) Benzidine	12.574	184	879768	133.385	ng	#	94
78) Pyrene	12.680	202	1767598	52.867	ng		99
80) Butylbenzylphthalate	13.304	149	736427	62.206	ng		96
81) Benzo(a)anthracene	13.868	228	1136162	42.360	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	135837	18.333	ng		97
83) Chrysene	13.904	228	1114303	41.555	ng		99
84) Bis(2-ethylhexyl)phtha...	13.868	149	780068	52.497	ng		100
85) Di-n-octyl phthalate	14.474	149	1274642	52.608	ng		97
87) Indeno(1,2,3-cd)pyrene	16.680	276	1330633	58.635	ng		98
88) Benzo(b)fluoranthene	14.892	252	1052375	41.463	ng		99
89) Benzo(k)fluoranthene	14.921	252	1026493	40.798	ng		99
90) Benzo(a)pyrene	15.239	252	962977	41.683	ng		99
91) Dibenzo(a,h)anthracene	16.698	278	1098570	58.041	ng		98
92) Benzo(g,h,i)perylene	17.098	276	1118598	59.862	ng		97

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

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