Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
Data File : BF130208.D
Acq On : 12 Sep 2022 16:28
Operator : CG\JU
Sample : PB147569BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 13 02:13:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147569BSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
09/13/2022
Supervised By :Jagrut Upadhyay
09/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.687	152	188270	20.000	ng		-0.01
21) Naphthalene-d8	7.975	136	772913	20.000	ng		0.00
39) Acenaphthene-d10	9.722	164	428515	20.000	ng		-0.01
64) Phenanthrene-d10	11.204	188	696434	20.000	ng		0.00
76) Chrysene-d12	13.833	240	352566	20.000	ng		-0.01
86) Perylene-d12	15.233	264	337236	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	1384286	124.823	ng		0.00
7) Phenol-d6	6.334	99	1570962	113.623	ng		0.00
23) Nitrobenzene-d5	7.257	82	1065997	88.635	ng		-0.01
42) 2,4,6-Tribromophenol	10.510	330	548013	140.492	ng		-0.01
45) 2-Fluorobiphenyl	9.051	172	2091587	80.925	ng		0.00
79) Terphenyl-d14	12.786	244	1899996	93.453	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.399	88	197657	38.137	ng		97
3) Pyridine	3.093	79	436923	31.438	ng		96
4) n-Nitrosodimethylamine	3.046	42	246127	45.033	ng		97
6) Aniline	6.351	93	670749	38.695	ng	#	55
8) 2-Chlorophenol	6.475	128	568239	46.683	ng		97
9) Benzaldehyde	6.234	77	201224	23.778	ng		100
10) Phenol	6.346	94	644597	41.246	ng		82
11) bis(2-Chloroethyl)ether	6.434	93	527590	44.432	ng		99
12) 1,3-Dichlorobenzene	6.628	146	579872	42.974	ng		99
13) 1,4-Dichlorobenzene	6.704	146	617830	45.455	ng		99
14) 1,2-Dichlorobenzene	6.857	146	579165	46.875	ng		98
15) Benzyl Alcohol	6.840	79	370421	39.748	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.969	45	688028	42.635	ng	#	55
17) 2-Methylphenol	6.951	107	466344	45.537	ng	#	90
18) Hexachloroethane	7.198	117	229914	46.843	ng		97
19) n-Nitroso-di-n-propyla...	7.116	70	349892	42.007	ng		94
20) 3+4-Methylphenols	7.104	107	513872	42.789	ng	#	69
22) Acetophenone	7.104	105	752746	43.592	ng	#	92
24) Nitrobenzene	7.275	77	574813	44.940	ng		96
25) Isophorone	7.516	82	1011621	41.558	ng		99
26) 2-Nitrophenol	7.593	139	290033	48.251	ng		97
27) 2,4-Dimethylphenol	7.634	122	492470	48.215	ng		99
28) bis(2-Chloroethoxy)met...	7.734	93	634957	43.424	ng		98
29) 2,4-Dichlorophenol	7.834	162	444886	40.720	ng		98
30) 1,2,4-Trichlorobenzene	7.916	180	478647	41.550	ng		100
31) Naphthalene	7.992	128	1583156	40.612	ng		99
32) Benzoic acid	7.769	122	361120	43.945	ng		94
33) 4-Chloroaniline	8.045	127	557419	35.393	ng		98
34) Hexachlorobutadiene	8.110	225	287299	43.546	ng		98
35) Caprolactam	8.422	113	161846m	47.804	ng		
36) 4-Chloro-3-methylphenol	8.534	107	531003	48.031	ng		94
37) 2-Methylnaphthalene	8.687	142	1102166	43.892	ng		99
38) 1-Methylnaphthalene	8.781	142	1045541	42.836	ng		98
40) 1,2,4,5-Tetrachloroben...	8.851	216	481279	43.071	ng	#	98
41) Hexachlorocyclopentadiene	8.839	237	623942	106.846	ng		98
43) 2,4,6-Trichlorophenol	8.963	196	344491	43.191	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.004	196	368665	42.645	ng		96
46) 1,1'-Biphenyl	9.151	154	1311594	42.131	ng		99
47) 2-Chloronaphthalene	9.175	162	1024962	41.091	ng		100
48) 2-Nitroaniline	9.269	65	322168	52.412	ng		98
49) Acenaphthylene	9.586	152	1531207	40.425	ng		99
50) Dimethylphthalate	9.457	163	1200822	41.142	ng		100
51) 2,6-Dinitrotoluene	9.516	165	267295	46.972	ng		97
52) Acenaphthene	9.757	154	1126918m	47.207	ng		
53) 3-Nitroaniline	9.687	138	256162	39.219	ng		89
54) 2,4-Dinitrophenol	9.787	184	306195	114.623	ng		99
55) Dibenzofuran	9.928	168	1395165	40.815	ng		96
56) 4-Nitrophenol	9.851	139	453576	90.073	ng		95
57) 2,4-Dinitrotoluene	9.916	165	347893	53.100	ng	#	92
58) Fluorene	10.269	166	1080817	41.555	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.045	232	281069	41.860	ng	#	76
60) Diethylphthalate	10.157	149	1175904	41.645	ng		99
61) 4-Chlorophenyl-phenyle...	10.269	204	489608	42.584	ng		97
62) 4-Nitroaniline	10.298	138	280251	44.118	ng		99
63) Azobenzene	10.428	77	1129754	40.637	ng		94
65) 4,6-Dinitro-2-methylph...	10.322	198	181035	54.302	ng		90
66) n-Nitrosodiphenylamine	10.386	169	973882	41.831	ng		99
67) 4-Bromophenyl-phenylether	10.757	248	330850	42.710	ng		92
68) Hexachlorobenzene	10.810	284	363699	43.088	ng		97
69) Atrazine	10.916	200	290816	44.154	ng		99
70) Pentachlorophenol	11.010	266	416094	88.156	ng		95
71) Phenanthrene	11.228	178	1536532	40.683	ng		100
72) Anthracene	11.281	178	1540065	41.480	ng		100
73) Carbazole	11.439	167	1380544	40.322	ng		100
74) Di-n-butylphthalate	11.775	149	1670284	40.457	ng		99
75) Fluoranthene	12.410	202	1432127	38.238	ng		97
77) Benzidine	12.539	184	587858	61.757	ng		100
78) Pyrene	12.639	202	1390714	43.977	ng		99
80) Butylbenzylphthalate	13.269	149	552936	43.960	ng		98
81) Benzo(a)anthracene	13.822	228	981031	40.603	ng		99
82) 3,3'-Dichlorobenzidine	13.792	252	325553	43.207	ng		100
83) Chrysene	13.863	228	946444	39.731	ng		100
84) Bis(2-ethylhexyl)phtha...	13.827	149	648506	41.478	ng		98
85) Di-n-octyl phthalate	14.439	149	1052173	42.603	ng		99
87) Indeno(1,2,3-cd)pyrene	16.574	276	1131570	50.867	ng		98
88) Benzo(b)fluoranthene	14.839	252	947443	42.129	ng		99
89) Benzo(k)fluoranthene	14.869	252	921393	42.362	ng		98
90) Benzo(a)pyrene	15.174	252	847369	47.418	ng		99
91) Dibenzo(a,h)anthracene	16.598	278	991305	54.459	ng		98
92) Benzo(g,h,i)perylene	16.986	276	1005476	55.209	ng		97

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

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