Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091222\
Data File : BF130207.D
Acq On : 12 Sep 2022 14:04
Operator : CG\JU
Sample : PB147569BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 13 02:12:39 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 :
PB147569BS

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	203873	20.000	ng		-0.01
21) Naphthalene-d8	7.969	136	818884	20.000	ng		-0.01
39) Acenaphthene-d10	9.722	164	432833	20.000	ng		-0.01
64) Phenanthrene-d10	11.198	188	745126	20.000	ng		#-0.01
76) Chrysene-d12	13.833	240	436091	20.000	ng		-0.01
86) Perylene-d12	15.221	264	316323	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	1596556	132.945	ng		0.00
7) Phenol-d6	6.334	99	1921988	128.373	ng		0.00
23) Nitrobenzene-d5	7.257	82	1239409	97.269	ng		-0.01
42) 2,4,6-Tribromophenol	10.510	330	610738	155.010	ng		-0.01
45) 2-Fluorobiphenyl	9.051	172	2204143	84.429	ng		0.00
79) Terphenyl-d14	12.786	244	2393976	95.197	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.405	88	210201	37.454	ng		95
3) Pyridine	3.099	79	441155	29.314	ng		92
4) n-Nitrosodimethylamine	3.052	42	239455	40.459	ng		93
6) Aniline	6.351	93	732823	39.041	ng	#	54
8) 2-Chlorophenol	6.475	128	594540	45.106	ng		97
9) Benzaldehyde	6.234	77	209142	22.822	ng		97
10) Phenol	6.346	94	732364	43.276	ng	#	79
11) bis(2-Chloroethyl)ether	6.434	93	596807	46.415	ng		98
12) 1,3-Dichlorobenzene	6.628	146	680644	46.582	ng		99
13) 1,4-Dichlorobenzene	6.704	146	692311	47.037	ng		98
14) 1,2-Dichlorobenzene	6.857	146	656674	49.081	ng		99
15) Benzyl Alcohol	6.840	79	438990	43.501	ng		94
16) 2,2'-oxybis(1-Chloropr...	6.969	45	767202	43.903	ng	#	53
17) 2-Methylphenol	6.951	107	506166	45.643	ng	#	88
18) Hexachloroethane	7.198	117	258358	48.610	ng		97
19) n-Nitroso-di-n-propyla...	7.116	70	404998	44.901	ng		92
20) 3+4-Methylphenols	7.104	107	576517	44.332	ng	#	71
22) Acetophenone	7.104	105	844624	46.167	ng	#	93
24) Nitrobenzene	7.275	77	641829	47.363	ng		99
25) Isophorone	7.516	82	1159734	44.968	ng		99
26) 2-Nitrophenol	7.592	139	324951	50.824	ng		91
27) 2,4-Dimethylphenol	7.634	122	542270	50.110	ng		99
28) bis(2-Chloroethoxy)met...	7.728	93	710174	45.841	ng		98
29) 2,4-Dichlorophenol	7.828	162	514952	44.487	ng		98
30) 1,2,4-Trichlorobenzene	7.910	180	536749	43.978	ng		98
31) Naphthalene	7.992	128	1796730	43.503	ng		99
32) Benzoic acid	7.769	122	410188	46.640	ng		99
33) 4-Chloroaniline	8.045	127	631135	37.824	ng		98
34) Hexachlorobutadiene	8.110	225	313572	44.860	ng		98
35) Caprolactam	8.422	113	179840m	50.136	ng		
36) 4-Chloro-3-methylphenol	8.534	107	558996	47.724	ng		96
37) 2-Methylnaphthalene	8.681	142	1154630	43.400	ng		100
38) 1-Methylnaphthalene	8.781	142	1099962	42.536	ng		97
40) 1,2,4,5-Tetrachloroben...	8.851	216	506997	44.920	ng		98
41) Hexachlorocyclopentadiene	8.834	237	629338	106.695	ng		97
43) 2,4,6-Trichlorophenol	8.963	196	368332	45.719	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.004	196	389727	44.631	ng		96
46)	1,1'-Biphenyl	9.151	154	1383182	43.987	ng		100
47)	2-Chloronaphthalene	9.169	162	1090468	43.281	ng		98
48)	2-Nitroaniline	9.269	65	338430	54.508	ng		95
49)	Acenaphthylene	9.586	152	1654403	43.241	ng		100
50)	Dimethylphthalate	9.457	163	1280599	43.438	ng		99
51)	2,6-Dinitrotoluene	9.516	165	291440	50.704	ng		90
52)	Acenaphthene	9.757	154	1193970m	49.517	ng		
53)	3-Nitroaniline	9.681	138	278034	42.143	ng		99
54)	2,4-Dinitrophenol	9.786	184	316358	117.061	ng		98
55)	Dibenzofuran	9.928	168	1499668	43.434	ng		97
56)	4-Nitrophenol	9.851	139	503678	99.025	ng		95
57)	2,4-Dinitrotoluene	9.916	165	381497	57.648	ng	#	91
58)	Fluorene	10.269	166	1164249	44.316	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.045	232	312572	46.087	ng	#	79
60)	Diethylphthalate	10.157	149	1265250	44.362	ng		100
61)	4-Chlorophenyl-phenyle...	10.263	204	519735	44.753	ng		98
62)	4-Nitroaniline	10.304	138	313538	48.866	ng		94
63)	Azobenzene	10.422	77	1180300	42.032	ng		98
65)	4,6-Dinitro-2-methylph...	10.322	198	189424	53.239	ng		92
66)	n-Nitrosodiphenylamine	10.386	169	1072785	43.068	ng		98
67)	4-Bromophenyl-phenylether	10.751	248	368431	44.453	ng		97
68)	Hexachlorobenzene	10.810	284	410490	45.454	ng		96
69)	Atrazine	10.916	200	332651	47.206	ng		97
70)	Pentachlorophenol	11.010	266	487801	96.595	ng		97
71)	Phenanthrene	11.228	178	1736737	42.979	ng		99
72)	Anthracene	11.280	178	1763901	44.404	ng		99
73)	Carbazole	11.433	167	1649413	45.027	ng		100
74)	Di-n-butylphthalate	11.769	149	1915282	43.360	ng		100
75)	Fluoranthene	12.410	202	1717069	42.851	ng		98
77)	Benzidine	12.539	184	902246	76.630	ng		99
78)	Pyrene	12.639	202	1766026	45.149	ng		100
80)	Butylbenzylphthalate	13.263	149	730447	46.950	ng		97
81)	Benzo(a)anthracene	13.822	228	1277873	42.759	ng		99
82)	3,3'-Dichlorobenzidine	13.792	252	394630	42.343	ng		98
83)	Chrysene	13.857	228	1244182	42.226	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.822	149	840414	43.458	ng		98
85)	Di-n-octyl phthalate	14.433	149	1071850	35.088	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.568	276	873572	41.866	ng		98
88)	Benzo(b)fluoranthene	14.833	252	910681	43.171	ng		99
89)	Benzo(k)fluoranthene	14.863	252	865123	42.405	ng		99
90)	Benzo(a)pyrene	15.168	252	844885	50.405	ng		99
91)	Dibenzo(a,h)anthracene	16.592	278	753495	44.131	ng		99
92)	Benzo(g,h,i)perylene	16.980	276	770805	45.122	ng		98

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

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