Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
Data File : BF129948.D
Acq On : 23 Aug 2022 11:54
Operator : CG\JU
Sample : PB147059BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 23 13:22:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 04:41:40 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147059BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	123538	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	513594	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	281285	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	477110	20.000	ng		0.00
76) Chrysene-d12	13.951	240	297189	20.000	ng		0.00
86) Perylene-d12	15.403	264	238125	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	759014	101.726	ng		0.01
7) Phenol-d6	6.439	99	922326	98.711	ng		0.00
23) Nitrobenzene-d5	7.351	82	911938	95.051	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	269675	95.524	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	1685280	90.997	ng		0.00
79) Terphenyl-d14	12.892	244	1848604	103.502	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	127724	41.492	ng		93
3) Pyridine	3.340	79	334920	41.575	ng		96
4) n-Nitrosodimethylamine	3.298	42	212020	57.110	ng		84
6) Aniline	6.445	93	416336	39.095	ng		95
8) 2-Chlorophenol	6.575	128	424689	51.129	ng		97
9) Benzaldehyde	6.333	77	246668	51.175	ng		97
10) Phenol	6.451	94	519535	50.690	ng		88
11) bis(2-Chloroethyl)ether	6.516	93	397916	51.126	ng		98
12) 1,3-Dichlorobenzene	6.716	146	437475	48.786	ng		100
13) 1,4-Dichlorobenzene	6.792	146	445540	48.626	ng		99
14) 1,2-Dichlorobenzene	6.945	146	420585	49.424	ng		99
15) Benzyl Alcohol	6.933	79	374709	53.121	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.051	45	556317	53.343	ng		93
17) 2-Methylphenol	7.051	107	345938	51.869	ng		98
18) Hexachloroethane	7.281	117	176751	51.370	ng		97
19) n-Nitroso-di-n-propyla...	7.198	70	310916	52.644	ng		98
20) 3+4-Methylphenols	7.210	107	445855	49.801	ng		99
22) Acetophenone	7.192	105	625584	49.983	ng	#	98
24) Nitrobenzene	7.369	77	465013	48.066	ng		95
25) Isophorone	7.604	82	846532	51.264	ng		98
26) 2-Nitrophenol	7.680	139	227583	47.825	ng		91
27) 2,4-Dimethylphenol	7.728	122	370933	54.353	ng		96
28) bis(2-Chloroethoxy)met...	7.810	93	506054	52.486	ng		99
29) 2,4-Dichlorophenol	7.933	162	354121	47.455	ng		98
30) 1,2,4-Trichlorobenzene	8.004	180	356751	45.317	ng		99
31) Naphthalene	8.080	128	1224484	45.598	ng		100
32) Benzoic acid	7.892	122	167008	52.733	ng		89
33) 4-Chloroaniline	8.139	127	244067	23.112	ng		97
34) Hexachlorobutadiene	8.192	225	223993	46.728	ng		98
35) Caprolactam	8.527	113	111506m	48.051	ng		
36) 4-Chloro-3-methylphenol	8.645	107	403612	50.135	ng		99
37) 2-Methylnaphthalene	8.775	142	820484	46.552	ng		100
38) 1-Methylnaphthalene	8.869	142	769992	44.953	ng		100
40) 1,2,4,5-Tetrachloroben...	8.939	216	361454	46.201	ng		98
41) Hexachlorocyclopentadiene	8.922	237	268434	94.950	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	226131	44.487	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.116	196	244324	44.677	ng		97
46)	1,1'-Biphenyl	9.239	154	1006327	47.093	ng		99
47)	2-Chloronaphthalene	9.263	162	780969	46.190	ng		97
48)	2-Nitroaniline	9.374	65	261406	48.923	ng		100
49)	Acenaphthylene	9.680	152	1174204	45.797	ng		100
50)	Dimethylphthalate	9.545	163	947282	46.978	ng		100
51)	2,6-Dinitrotoluene	9.616	165	205462	46.972	ng		96
52)	Acenaphthene	9.851	154	714595	45.939	ng		99
53)	3-Nitroaniline	9.786	138	132336	27.357	ng		91
54)	2,4-Dinitrophenol	9.910	184	175438	88.115	ng		97
55)	Dibenzofuran	10.022	168	1073016	45.915	ng		93
56)	4-Nitrophenol	9.980	139	190802	88.662	ng		88
57)	2,4-Dinitrotoluene	10.027	165	274603	48.361	ng		97
58)	Fluorene	10.369	166	893306	45.780	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.151	232	191733	47.774	ng	#	80
60)	Diethylphthalate	10.239	149	955671	47.532	ng		97
61)	4-Chlorophenyl-phenyle...	10.357	204	417118	47.634	ng		99
62)	4-Nitroaniline	10.416	138	210924m	43.222	ng		
63)	Azobenzene	10.516	77	925268	48.145	ng		99
65)	4,6-Dinitro-2-methylph...	10.439	198	127645	45.573	ng		91
66)	n-Nitrosodiphenylamine	10.480	169	776777	48.237	ng		99
67)	4-Bromophenyl-phenylether	10.845	248	265461	47.504	ng		97
68)	Hexachlorobenzene	10.916	284	295083	48.747	ng		96
69)	Atrazine	11.010	200	255502	51.694	ng		98
70)	Pentachlorophenol	11.121	266	162496	88.935	ng		97
71)	Phenanthrene	11.333	178	1237096	46.426	ng		100
72)	Anthracene	11.386	178	1267518	47.833	ng		100
73)	Carbazole	11.545	167	1143020	47.518	ng		99
74)	Di-n-butylphthalate	11.857	149	1489456	48.112	ng		99
75)	Fluoranthene	12.521	202	1238527	45.422	ng		98
77)	Benzidine	12.645	184	436753	63.422	ng		99
78)	Pyrene	12.751	202	1249048	48.365	ng		100
80)	Butylbenzylphthalate	13.357	149	534997	48.957	ng		94
81)	Benzo(a)anthracene	13.939	228	946183	46.282	ng		99
82)	3,3'-Dichlorobenzidine	13.904	252	182356	28.801	ng		98
83)	Chrysene	13.980	228	874951	45.720	ng		100
84)	Bis(2-ethylhexyl)phtha...	13.909	149	638434	49.243	ng		97
85)	Di-n-octyl phthalate	14.521	149	889689	49.711	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.862	276	838259	51.277	ng		98
88)	Benzo(b)fluoranthene	14.980	252	797372	48.901	ng		99
89)	Benzo(k)fluoranthene	15.009	252	730352	46.706	ng		98
90)	Benzo(a)pyrene	15.345	252	658327	51.269	ng		99
91)	Dibenzo(a,h)anthracene	16.868	278	725941	53.819	ng		99
92)	Benzo(g,h,i)perylene	17.297	276	735510	54.656	ng		97

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

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