Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
Data File : BF130445.D
Acq On : 28 Sep 2022 13:15
Operator : CG\JU
Sample : PB147926BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 29 02:13:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147926BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.645	152	117649	20.000	ng		0.00
21) Naphthalene-d8	7.928	136	454562	20.000	ng	#	0.00
39) Acenaphthene-d10	9.681	164	235782	20.000	ng		0.00
64) Phenanthrene-d10	11.163	188	398726	20.000	ng		0.00
76) Chrysene-d12	13.792	240	243428	20.000	ng		0.00
86) Perylene-d12	15.180	264	198802	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.263	112	908540	133.943	ng		0.02
7) Phenol-d6	6.293	99	1103625	130.035	ng		0.00
23) Nitrobenzene-d5	7.216	82	696986	78.335	ng		0.00
42) 2,4,6-Tribromophenol	10.475	330	353230	156.349	ng		0.00
45) 2-Fluorobiphenyl	9.010	172	1371748	84.719	ng		0.00
79) Terphenyl-d14	12.745	244	1418112	96.500	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.346	88	98640	31.664	ng		96
3) Pyridine	3.022	79	261922	32.231	ng		89
4) n-Nitrosodimethylamine	2.981	42	156424	35.392	ng		91
6) Aniline	6.310	93	402034	38.446	ng	#	40
8) 2-Chlorophenol	6.428	128	357668	46.290	ng		95
9) Benzaldehyde	6.193	77	207831	36.557	ng		92
10) Phenol	6.310	94	419857	42.213	ng	#	75
11) bis(2-Chloroethyl)ether	6.393	93	316648	44.139	ng		90
12) 1,3-Dichlorobenzene	6.587	146	387888	45.623	ng		95
13) 1,4-Dichlorobenzene	6.663	146	392263	45.244	ng		98
14) 1,2-Dichlorobenzene	6.816	146	370451	45.739	ng		97
15) Benzyl Alcohol	6.798	79	239248	35.554	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.928	45	384895	36.785	ng		85
17) 2-Methylphenol	6.916	107	294064	46.817	ng		98
18) Hexachloroethane	7.151	117	145994	42.719	ng		96
19) n-Nitroso-di-n-propyla...	7.069	70	230051	40.170	ng		92
20) 3+4-Methylphenols	7.069	107	354229	43.413	ng	#	74
22) Acetophenone	7.063	105	496090	44.639	ng		92
24) Nitrobenzene	7.234	77	361526	40.016	ng		96
25) Isophorone	7.475	82	629420	43.890	ng		97
26) 2-Nitrophenol	7.551	139	188383	50.866	ng	#	83
27) 2,4-Dimethylphenol	7.592	122	284421	49.877	ng		97
28) bis(2-Chloroethoxy)met...	7.687	93	383238	47.459	ng		99
29) 2,4-Dichlorophenol	7.792	162	288676	46.195	ng		98
30) 1,2,4-Trichlorobenzene	7.869	180	304841	45.121	ng		97
31) Naphthalene	7.951	128	1006099	42.962	ng		99
32) Benzoic acid	7.745	122	184865	41.921	ng		91
33) 4-Chloroaniline	8.004	127	298386	33.501	ng		97
34) Hexachlorobutadiene	8.069	225	195116	45.189	ng		100
35) Caprolactam	8.387	113	88485m	49.393	ng		
36) 4-Chloro-3-methylphenol	8.498	107	312035	45.049	ng		98
37) 2-Methylnaphthalene	8.639	142	654797	43.854	ng		99
38) 1-Methylnaphthalene	8.739	142	618589	43.126	ng		100
40) 1,2,4,5-Tetrachloroben...	8.810	216	307387	47.771	ng		99
41) Hexachlorocyclopentadiene	8.792	237	361080	104.812	ng		99
43) 2,4,6-Trichlorophenol	8.928	196	203905	45.405	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.969	196	220489	45.499	ng		97
46)	1,1'-Biphenyl	9.110	154	807419	45.852	ng		97
47)	2-Chloronaphthalene	9.134	162	628591	44.128	ng		95
48)	2-Nitroaniline	9.234	65	185662	39.078	ng		87
49)	Acenaphthylene	9.545	152	948591	44.414	ng		100
50)	Dimethylphthalate	9.416	163	725292	44.532	ng		99
51)	2,6-Dinitrotoluene	9.481	165	163730	48.068	ng	#	73
52)	Acenaphthene	9.716	154	676327m	48.196	ng		
53)	3-Nitroaniline	9.645	138	125903	33.172	ng		93
54)	2,4-Dinitrophenol	9.757	184	167411	89.774	ng	#	84
55)	Dibenzofuran	9.886	168	863879	44.259	ng		98
56)	4-Nitrophenol	9.822	139	235559	85.211	ng		85
57)	2,4-Dinitrotoluene	9.881	165	211724	48.637	ng	#	92
58)	Fluorene	10.228	166	696564	43.637	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.010	232	173157	45.651	ng		92
60)	Diethylphthalate	10.116	149	696566	42.649	ng		98
61)	4-Chlorophenyl-phenyle...	10.222	204	324388	46.325	ng		100
62)	4-Nitroaniline	10.263	138	168358	44.156	ng		85
63)	Azobenzene	10.381	77	637142	37.885	ng		97
65)	4,6-Dinitro-2-methylph...	10.286	198	108656	48.953	ng		91
66)	n-Nitrosodiphenylamine	10.345	169	589623	44.252	ng		98
67)	4-Bromophenyl-phenylether	10.710	248	206191	46.877	ng		98
68)	Hexachlorobenzene	10.775	284	239979	48.129	ng		94
69)	Atrazine	10.880	200	193475	49.688	ng		95
70)	Pentachlorophenol	10.975	266	231122	86.369	ng		98
71)	Phenanthrene	11.186	178	986993	44.089	ng		100
72)	Anthracene	11.239	178	991568	45.899	ng		100
73)	Carbazole	11.398	167	896884	46.002	ng		99
74)	Di-n-butylphthalate	11.733	149	1025683	43.626	ng		98
75)	Fluoranthene	12.369	202	982522	45.421	ng		99
77)	Benzidine	12.498	184	397374	56.234	ng		99
78)	Pyrene	12.598	202	1000809	46.997	ng		99
80)	Butylbenzylphthalate	13.222	149	375231	47.564	ng		96
81)	Benzo(a)anthracene	13.780	228	739613	45.672	ng		99
82)	3,3'-Dichlorobenzidine	13.751	252	203087	46.070	ng		97
83)	Chrysene	13.821	228	685941	44.610	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.780	149	421966	46.697	ng		98
85)	Di-n-octyl phthalate	14.392	149	574155	41.542	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	16.504	276	645695	45.801	ng		98
88)	Benzo(b)fluoranthene	14.792	252	623885	48.081	ng		98
89)	Benzo(k)fluoranthene	14.821	252	581051m	45.522	ng		
90)	Benzo(a)pyrene	15.121	252	520316	50.615	ng		98
91)	Dibenzo(a,h)anthracene	16.521	278	554499	47.945	ng		98
92)	Benzo(g,h,i)perylene	16.904	276	562836	48.311	ng		100

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

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