Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091522\
Data File : BF130268.D
Acq On : 15 Sep 2022 13:22
Operator : CG\JU
Sample : PB147633BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 16 03:25:47 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 14 14:55:51 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB147633BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.675	152	108005	20.000	ng		0.00
21) Naphthalene-d8	7.957	136	434960	20.000	ng		0.00
39) Acenaphthene-d10	9.710	164	235177	20.000	ng		0.00
64) Phenanthrene-d10	11.192	188	399871	20.000	ng		0.00
76) Chrysene-d12	13.822	240	246964	20.000	ng	#	0.00
86) Perylene-d12	15.210	264	179347	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	843163	135.404	ng		0.01
7) Phenol-d6	6.316	99	1052330	135.063	ng		0.00
23) Nitrobenzene-d5	7.245	82	689979	81.042	ng		0.00
42) 2,4,6-Tribromophenol	10.504	330	351018	155.770	ng		0.00
45) 2-Fluorobiphenyl	9.039	172	1310243	81.129	ng		0.00
79) Terphenyl-d14	12.775	244	1440887	96.646	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.399	88	96962	33.905	ng		97
3) Pyridine	3.081	79	252490	33.845	ng		96
4) n-Nitrosodimethylamine	3.040	42	164763	40.607	ng		99
6) Aniline	6.340	93	407199	42.416	ng		99
8) 2-Chlorophenol	6.457	128	326052	45.966	ng		97
9) Benzaldehyde	6.228	77	209049	40.055	ng		92
10) Phenol	6.328	94	398896	43.687	ng		93
11) bis(2-Chloroethyl)ether	6.422	93	294614	44.734	ng		93
12) 1,3-Dichlorobenzene	6.616	146	342127	43.834	ng		99
13) 1,4-Dichlorobenzene	6.693	146	349319	43.888	ng		99
14) 1,2-Dichlorobenzene	6.846	146	331741	44.617	ng		99
15) Benzyl Alcohol	6.828	79	264105	42.753	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.957	45	408114	42.487	ng		98
17) 2-Methylphenol	6.940	107	255942	44.386	ng		99
18) Hexachloroethane	7.187	117	138535	44.156	ng		98
19) n-Nitroso-di-n-propyla...	7.104	70	231723	44.075	ng		96
20) 3+4-Methylphenols	7.093	107	328960	43.916	ng	#	85
22) Acetophenone	7.093	105	469605	44.160	ng		98
24) Nitrobenzene	7.263	77	352863	40.817	ng		98
25) Isophorone	7.504	82	626548	45.659	ng		100
26) 2-Nitrophenol	7.581	139	167624	47.300	ng		92
27) 2,4-Dimethylphenol	7.622	122	292602	53.624	ng		97
28) bis(2-Chloroethoxy)met...	7.722	93	371150	48.034	ng		99
29) 2,4-Dichlorophenol	7.822	162	266764	44.613	ng		96
30) 1,2,4-Trichlorobenzene	7.904	180	272840	42.204	ng		95
31) Naphthalene	7.981	128	937227	41.824	ng		100
32) Benzoic acid	7.757	122	195187	46.256	ng		98
33) 4-Chloroaniline	8.034	127	308588	36.208	ng		99
34) Hexachlorobutadiene	8.098	225	177300	42.913	ng		99
35) Caprolactam	8.410	113	85728m	50.010	ng		
36) 4-Chloro-3-methylphenol	8.522	107	303953	45.860	ng		98
37) 2-Methylnaphthalene	8.675	142	618421	43.284	ng		97
38) 1-Methylnaphthalene	8.769	142	582981	42.475	ng		99
40) 1,2,4,5-Tetrachloroben...	8.839	216	281860	43.916	ng		99
41) Hexachlorocyclopentadiene	8.828	237	401239	116.769	ng		100
43) 2,4,6-Trichlorophenol	8.951	196	191944	42.852	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.987	196	204669	42.343	ng	#	92
46) 1,1'-Biphenyl	9.139	154	758638	43.193	ng		98
47) 2-Chloronaphthalene	9.163	162	591758	41.649	ng		98
48) 2-Nitroaniline	9.263	65	199741	42.149	ng		91
49) Acenaphthylene	9.575	152	895137	42.019	ng		99
50) Dimethylphthalate	9.445	163	708461	43.611	ng		99
51) 2,6-Dinitrotoluene	9.504	165	156558	46.081	ng		94
52) Acenaphthene	9.745	154	668028m	47.727	ng		
53) 3-Nitroaniline	9.675	138	132969	35.124	ng		93
54) 2,4-Dinitrophenol	9.781	184	177634	95.102	ng	#	87
55) Dibenzofuran	9.916	168	824877	42.370	ng		98
56) 4-Nitrophenol	9.839	139	252588	91.606	ng		95
57) 2,4-Dinitrotoluene	9.904	165	208998	48.134	ng		99
58) Fluorene	10.257	166	682099	42.841	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.034	232	159444	42.144	ng		98
60) Diethylphthalate	10.145	149	710812	43.633	ng		99
61) 4-Chlorophenyl-phenyle...	10.257	204	317332	45.433	ng		94
62) 4-Nitroaniline	10.292	138	163028	42.868	ng		96
63) Azobenzene	10.416	77	684278	40.793	ng		97
65) 4,6-Dinitro-2-methylph...	10.310	198	104901	47.126	ng		99
66) n-Nitrosodiphenylamine	10.375	169	574025	42.958	ng		99
67) 4-Bromophenyl-phenylether	10.739	248	200410	45.432	ng		93
68) Hexachlorobenzene	10.798	284	230624	46.121	ng		93
69) Atrazine	10.904	200	195630	50.097	ng		99
70) Pentachlorophenol	10.998	266	255342	95.147	ng		98
71) Phenanthrene	11.216	178	945160	42.100	ng		100
72) Anthracene	11.269	178	964001	44.495	ng		99
73) Carbazole	11.428	167	867792	44.383	ng		100
74) Di-n-butylphthalate	11.763	149	1069602	45.364	ng		100
75) Fluoranthene	12.398	202	956134	44.074	ng		98
77) Benzidine	12.527	184	560879	78.235	ng		99
78) Pyrene	12.627	202	950325	43.987	ng		99
80) Butylbenzylphthalate	13.251	149	384768	48.074	ng		96
81) Benzo(a)anthracene	13.810	228	719569	43.798	ng		99
82) 3,3'-Dichlorobenzidine	13.780	252	193073	43.172	ng	#	98
83) Chrysene	13.845	228	661626	42.413	ng		98
84) Bis(2-ethylhexyl)phtha...	13.810	149	453706	49.490	ng		100
85) Di-n-octyl phthalate	14.421	149	624838	44.561	ng		98
87) Indeno(1,2,3-cd)pyrene	16.539	276	594859	46.772	ng		98
88) Benzo(b)fluoranthene	14.816	252	573837	49.021	ng		99
89) Benzo(k)fluoranthene	14.845	252	507306	44.056	ng		99
90) Benzo(a)pyrene	15.151	252	458970	49.491	ng		99
91) Dibenzo(a,h)anthracene	16.563	278	523750	50.199	ng		99
92) Benzo(g,h,i)perylene	16.945	276	515883	49.084	ng		99

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

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