Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129435.D
Acq On : 29 Jul 2022 11:17
Operator : CG\JU
Sample : PB146473BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 29 18:19:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146473BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/01/2022
Supervised By :Jagrut Upadhyay 08/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.886	152	226652	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	937683	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	494605	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	805069	20.000	ng		0.01
76) Chrysene-d12	14.074	240	534792	20.000	ng		0.00
86) Perylene-d12	15.562	264	411261	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1774894	127.566	ng		0.03
7) Phenol-d6	6.534	99	2213864	126.589	ng		0.02
23) Nitrobenzene-d5	7.457	82	1484567	86.426	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	601137	126.415	ng		0.01
45) 2-Fluorobiphenyl	9.251	172	2478666	77.524	ng		0.00
79) Terphenyl-d14	13.010	244	2627136	92.677	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	209032	33.298	ng		90
3) Pyridine	3.557	79	535882	30.739	ng		93
4) n-Nitrosodimethylamine	3.504	42	354266	46.277	ng		90
6) Aniline	6.557	93	774221	35.611	ng		98
8) 2-Chlorophenol	6.681	128	758173	49.877	ng		95
9) Benzaldehyde	6.439	77	193580	16.299	ng		99
10) Phenol	6.545	94	867772m	46.595	ng		
11) bis(2-Chloroethyl)ether	6.622	93	714170	48.354	ng		94
12) 1,3-Dichlorobenzene	6.828	146	751332	46.086	ng		100
13) 1,4-Dichlorobenzene	6.904	146	755634	45.574	ng		99
14) 1,2-Dichlorobenzene	7.057	146	723534	47.476	ng		97
15) Benzyl Alcohol	7.039	79	634636	50.036	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	958657	43.180	ng		87
17) 2-Methylphenol	7.151	107	588038	46.631	ng	#	93
18) Hexachloroethane	7.398	117	292219	46.807	ng		91
19) n-Nitroso-di-n-propyla...	7.310	70	498547	47.089	ng		92
20) 3+4-Methylphenols	7.304	107	689733	43.017	ng	#	86
22) Acetophenone	7.298	105	973054	44.572	ng	#	93
24) Nitrobenzene	7.475	77	776061	43.874	ng		98
25) Isophorone	7.716	82	1407757	45.721	ng		97
26) 2-Nitrophenol	7.792	139	403757	46.269	ng		90
27) 2,4-Dimethylphenol	7.828	122	686977m	52.483	ng		
28) bis(2-Chloroethoxy)met...	7.922	93	855929	47.920	ng		98
29) 2,4-Dichlorophenol	8.033	162	599296	44.359	ng		100
30) 1,2,4-Trichlorobenzene	8.110	180	619690	44.314	ng		97
31) Naphthalene	8.198	128	2043575	42.896	ng		99
32) Benzoic acid	7.969	122	308417	32.593	ng		100
33) 4-Chloroaniline	8.245	127	591925	30.264	ng		97
34) Hexachlorobutadiene	8.304	225	359913	45.278	ng		100
35) Caprolactam	8.639	113	193900m	44.145	ng		
36) 4-Chloro-3-methylphenol	8.739	107	652834	45.560	ng		93
37) 2-Methylnaphthalene	8.886	142	1330662	42.981	ng		99
38) 1-Methylnaphthalene	8.986	142	1269057	42.463	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	575814	44.337	ng		98
41) Hexachlorocyclopentadiene	9.033	237	595781	103.021	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	403598	42.787	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	418110	40.760	ng	#	95
46) 1,1'-Biphenyl	9.351	154	1552496	43.010	ng		99
47) 2-Chloronaphthalene	9.380	162	1259726	43.170	ng		100
48) 2-Nitroaniline	9.480	65	411190	42.377	ng		91
49) Acenaphthylene	9.798	152	1942062	43.800	ng		100
50) Dimethylphthalate	9.657	163	1463230	42.855	ng		100
51) 2,6-Dinitrotoluene	9.722	165	334302	43.745	ng		93
52) Acenaphthene	9.969	154	1339513m	46.254	ng		
53) 3-Nitroaniline	9.898	138	282758	31.334	ng	#	87
54) 2,4-Dinitrophenol	10.004	184	333653	85.524	ng		96
55) Dibenzofuran	10.145	168	1686656	42.249	ng		98
56) 4-Nitrophenol	10.075	139	500656	75.201	ng		98
57) 2,4-Dinitrotoluene	10.133	165	432512	43.323	ng		96
58) Fluorene	10.486	166	1332329	41.710	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	323685	40.832	ng		93
60) Diethylphthalate	10.357	149	1398519	42.371	ng		99
61) 4-Chlorophenyl-phenyle...	10.474	204	607031	43.107	ng		93
62) 4-Nitroaniline	10.522	138	355353	39.695	ng		94
63) Azobenzene	10.633	77	1373248	40.791	ng		95
65) 4,6-Dinitro-2-methylph...	10.545	198	219714	43.239	ng		84
66) n-Nitrosodiphenylamine	10.598	169	1173293	43.762	ng		97
67) 4-Bromophenyl-phenylether	10.963	248	395587	44.873	ng		93
68) Hexachlorobenzene	11.033	284	437949	45.848	ng		99
69) Atrazine	11.127	200	362061	44.460	ng		98
70) Pentachlorophenol	11.233	266	404968	77.986	ng		99
71) Phenanthrene	11.451	178	1875894	42.686	ng		100
72) Anthracene	11.504	178	1884429	43.635	ng		100
73) Carbazole	11.663	167	1799078	44.254	ng		100
74) Di-n-butylphthalate	11.974	149	2130967	44.016	ng		99
75) Fluoranthene	12.645	202	1928108	43.301	ng		100
77) Benzidine	12.763	184	536740	28.410	ng		99
78) Pyrene	12.874	202	1963171	43.898	ng		99
80) Butylbenzylphthalate	13.480	149	865566	44.622	ng		98
81) Benzo(a)anthracene	14.062	228	1557915	42.646	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	445843	36.964	ng	#	97
83) Chrysene	14.104	228	1425138	41.393	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	1140806	44.672	ng		99
85) Di-n-octyl phthalate	14.651	149	1698750	46.226	ng		97
87) Indeno(1,2,3-cd)pyrene	17.092	276	1290899	46.612	ng		99
88) Benzo(b)fluoranthene	15.127	252	1289069	47.253	ng		100
89) Benzo(k)fluoranthene	15.157	252	1259439	47.111	ng		99
90) Benzo(a)pyrene	15.504	252	1209053	54.596	ng		98
91) Dibenzo(a,h)anthracene	17.109	278	1122989	49.820	ng		99
92) Benzo(g,h,i)perylene	17.556	276	1161031	50.407	ng		99

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

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