Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
Data File : BF128362.D
Acq On : 20 May 2022 13:37
Operator : CG\JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 20 14:05:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 13:10:46 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	123589	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	425077	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	230595	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	413473	20.000	ng		0.00
76) Chrysene-d12	14.051	240	247284	20.000	ng		0.00
86) Perylene-d12	15.533	264	216538	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1025016	132.214	ng		0.00
7) Phenol-d6	6.510	99	1329424	129.647	ng		0.01
23) Nitrobenzene-d5	7.439	82	1329704	140.756	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	337126	127.475	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1821766	123.615	ng		0.00
79) Terphenyl-d14	12.986	244	1929584	146.419	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	271693	78.780	ng		99
3) Pyridine	3.428	79	712638	77.889	ng		100
4) n-Nitrosodimethylamine	3.416	42	347150	76.114	ng		97
6) Aniline	6.540	93	771107	66.589	ng		96
8) 2-Chlorophenol	6.657	128	509653	64.543	ng		99
10) Phenol	6.522	94	705616	65.253	ng		77
11) bis(2-Chloroethyl)ether	6.610	93	554704	68.496	ng		98
12) 1,3-Dichlorobenzene	6.804	146	589645	66.343	ng		97
13) 1,4-Dichlorobenzene	6.881	146	589156	65.602	ng		98
14) 1,2-Dichlorobenzene	7.034	146	513747	60.706	ng		96
15) Benzyl Alcohol	7.016	79	484854	59.833	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.139	45	774937	64.529	ng		95
17) 2-Methylphenol	7.122	107	437062	65.241	ng	#	93
18) Hexachloroethane	7.369	117	228025	67.207	ng		95
19) n-Nitroso-di-n-propyla...	7.292	70	394874	62.532	ng		99
20) 3+4-Methylphenols	7.281	107	485050	58.477	ng	#	85
22) Acetophenone	7.287	105	689265	65.118	ng	#	88
24) Nitrobenzene	7.457	77	623043	71.459	ng		98
25) Isophorone	7.698	82	1106292	74.697	ng		100
26) 2-Nitrophenol	7.769	139	281588	73.551	ng		96
27) 2,4-Dimethylphenol	7.804	122	405656m	68.743	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	661176	70.624	ng		99
29) 2,4-Dichlorophenol	8.010	162	428546	69.078	ng		97
30) 1,2,4-Trichlorobenzene	8.086	180	491164	69.079	ng		99
31) Naphthalene	8.169	128	1425607	67.908	ng		100
32) Benzoic acid	7.981	122	351801	79.718	ng		96
33) 4-Chloroaniline	8.228	127	588409	70.604	ng		98
34) Hexachlorobutadiene	8.275	225	318059	66.618	ng		100
35) Caprolactam	8.634	113	144660m	71.433	ng		
36) 4-Chloro-3-methylphenol	8.716	107	477738	68.920	ng		96
37) 2-Methylnaphthalene	8.863	142	919498	64.965	ng		99
38) 1-Methylnaphthalene	8.963	142	880456	64.768	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	468186	68.830	ng		99
41) Hexachlorocyclopentadiene	9.004	237	196351	73.085	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	305708	69.760	ng		98
44) 2,4,5-Trichlorophenol	9.192	196	320050	68.494	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.328	154	1134694	67.592	ng		98
47) 2-Chloronaphthalene	9.357	162	837540	67.313	ng		98
48) 2-Nitroaniline	9.457	65	332148	74.457	ng		94
49) Acenaphthylene	9.775	152	1213147	64.462	ng		100
50) Dimethylphthalate	9.633	163	1050177	70.573	ng		100
51) 2,6-Dinitrotoluene	9.704	165	223214	68.381	ng		95
52) Acenaphthene	9.945	154	793215	60.790	ng		100
53) 3-Nitroaniline	9.880	138	254966	72.048	ng		100
54) 2,4-Dinitrophenol	9.986	184	141798	78.521	ng	#	82
55) Dibenzofuran	10.116	168	1125288	60.738	ng		97
56) 4-Nitrophenol	10.045	139	168278	68.053	ng		97
57) 2,4-Dinitrotoluene	10.110	165	270594	61.994	ng	#	57
58) Fluorene	10.463	166	904376	62.670	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	270163	67.655	ng		99
60) Diethylphthalate	10.333	149	981344	66.099	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	448772	62.359	ng		95
62) 4-Nitroaniline	10.504	138	258780m	72.133	ng		
63) Azobenzene	10.610	77	1098259	67.554	ng		99
65) 4,6-Dinitro-2-methylph...	10.528	198	202702	78.331	ng		93
66) n-Nitrosodiphenylamine	10.575	169	819465	68.004	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	298314	67.061	ng		97
68) Hexachlorobenzene	11.004	284	325477	66.888	ng		99
69) Atrazine	11.098	200	265655	65.353	ng		96
70) Pentachlorophenol	11.204	266	165048	69.888	ng		97
71) Phenanthrene	11.427	178	1337960	64.986	ng		100
72) Anthracene	11.480	178	1336800	65.033	ng		99
73) Carbazole	11.639	167	1273076	65.130	ng		99
74) Di-n-butylphthalate	11.951	149	1444729	64.202	ng		99
75) Fluoranthene	12.621	202	1394294	62.466	ng		97
77) Benzidine	12.739	184	274462	51.246	ng		96
78) Pyrene	12.851	202	1401982	78.191	ng		100
80) Butylbenzylphthalate	13.457	149	590664	79.239	ng		99
81) Benzo(a)anthracene	14.039	228	1157092	73.258	ng		98
83) Chrysene	14.080	228	1070243	71.015	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	745550	74.023	ng		99
85) Di-n-octyl phthalate	14.627	149	1148908	71.411	ng		100
87) Indeno(1,2,3-cd)pyrene	17.057	276	1058100	80.779	ng		98
88) Benzo(b)fluoranthene	15.098	252	963929	71.811	ng		99
89) Benzo(k)fluoranthene	15.133	252	871045	65.738	ng		99
90) Benzo(a)pyrene	15.474	252	778426	71.832	ng		99
91) Dibenzo(a,h)anthracene	17.068	278	834241	78.668	ng		98
92) Benzo(g,h,i)perylene	17.521	276	914411	85.161	ng		97

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

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