Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081522\
Data File : BF129786.D
Acq On : 15 Aug 2022 18:06
Operator : CG\JU
Sample : N4200-13MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 16 03:15:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
S1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
08/16/2022
Supervised By :Jagrut Upadhyay
08/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	167159	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	700633	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	376972	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	637879	20.000	ng	0.00
76) Chrysene-d12	14.004	240	400369	20.000	ng	0.00
86) Perylene-d12	15.468	264	337539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	931012	92.216	ng	0.00
7) Phenol-d6	6.481	99	1186747	93.866	ng	0.00
23) Nitrobenzene-d5	7.393	82	746252	57.017	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	333779	88.220	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1414035	56.971	ng	0.00
79) Terphenyl-d14	12.939	244	1439646	59.832	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.652	88	170077	40.833	ng	99
3) Pyridine	3.416	79	441478	40.502	ng	99
4) n-Nitrosodimethylamine	3.381	42	228653	45.518	ng	96
6) Aniline	6.493	93	474656	32.940	ng	90
8) 2-Chlorophenol	6.622	128	509883	45.366	ng	99
9) Benzaldehyde	6.381	77	303075	45.730	ng	99
10) Phenol	6.498	94	599941	43.260	ng	83
11) bis(2-Chloroethyl)ether	6.563	93	482355	45.802	ng	99
12) 1,3-Dichlorobenzene	6.763	146	532182	43.860	ng	98
13) 1,4-Dichlorobenzene	6.840	146	531919	42.904	ng	99
14) 1,2-Dichlorobenzene	6.993	146	505110	43.867	ng	99
15) Benzyl Alcohol	6.981	79	425473	44.578	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.093	45	630412	44.673	ng	96
17) 2-Methylphenol	7.098	107	412469	45.706	ng	99
18) Hexachloroethane	7.328	117	205463	44.132	ng	96
19) n-Nitroso-di-n-propyla...	7.240	70	357671	44.757	ng	100
20) 3+4-Methylphenols	7.251	107	525033	43.342	ng	98
22) Acetophenone	7.240	105	714007	41.819	ng	98
24) Nitrobenzene	7.410	77	530870	40.225	ng	96
25) Isophorone	7.651	82	973900	43.233	ng	99
26) 2-Nitrophenol	7.728	139	278424	42.890	ng	99
27) 2,4-Dimethylphenol	7.775	122	445400	47.842	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	602230	45.787	ng	98
29) 2,4-Dichlorophenol	7.981	162	426747	41.921	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	426145	39.681	ng	97
31) Naphthalene	8.128	128	1442873	39.387	ng	99
32) Benzoic acid	7.928	122	172618	42.865	ng	94
33) 4-Chloroaniline	8.187	127	373958m	25.959	ng	
34) Hexachlorobutadiene	8.239	225	259831	39.734	ng	99
35) Caprolactam	8.575	113	130692m	41.284	ng	
36) 4-Chloro-3-methylphenol	8.687	107	462384	42.103	ng	99
37) 2-Methylnaphthalene	8.822	142	966357	40.192	ng	100
38) 1-Methylnaphthalene	8.922	142	923727	39.531	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	428431	40.862	ng	98
41) Hexachlorocyclopentadiene	8.969	237	368713	96.371	ng	98
43) 2,4,6-Trichlorophenol	9.110	196	271862	39.908	ng	97

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44) 2,4,5-Trichlorophenol	9.157	196	291803	39.815	ng		99
46) 1,1'-Biphenyl	9.287	154	1179587	41.189	ng		99
47) 2-Chloronaphthalene	9.310	162	909888	40.155	ng		98
48) 2-Nitroaniline	9.422	65	283698	39.618	ng		89
49) Acenaphthylene	9.728	152	1353689	39.396	ng		100
50) Dimethylphthalate	9.586	163	1073795	39.735	ng		99
51) 2,6-Dinitrotoluene	9.663	165	240298	40.992	ng	#	84
52) Acenaphthene	9.898	154	819442	39.307	ng		99
53) 3-Nitroaniline	9.834	138	159453	24.596	ng		98
54) 2,4-Dinitrophenol	9.951	184	209585	79.140	ng		94
55) Dibenzofuran	10.075	168	1224386	39.094	ng		97
56) 4-Nitrophenol	10.022	139	252045	87.392	ng		95
57) 2,4-Dinitrotoluene	10.069	165	303446	39.876	ng		98
58) Fluorene	10.416	166	1006884	38.503	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	213153	39.630	ng	#	84
60) Diethylphthalate	10.286	149	1045292	38.793	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	469533	40.010	ng		99
62) 4-Nitroaniline	10.457	138	233270m	35.668	ng		
63) Azobenzene	10.563	77	1022797	39.711	ng		99
65) 4,6-Dinitro-2-methylph...	10.481	198	152740	40.788	ng		98
66) n-Nitrosodiphenylamine	10.528	169	869517	40.387	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	302539	40.494	ng		99
68) Hexachlorobenzene	10.963	284	331940	41.015	ng		98
69) Atrazine	11.057	200	286937	43.423	ng		97
70) Pentachlorophenol	11.169	266	189707	78.317	ng		96
71) Phenanthrene	11.380	178	1408679	39.541	ng		99
72) Anthracene	11.433	178	1419132	40.057	ng		100
73) Carbazole	11.592	167	1295090	40.270	ng		99
74) Di-n-butylphthalate	11.904	149	1644244	39.726	ng		100
75) Fluoranthene	12.575	202	1419655	38.943	ng		99
77) Benzidine	12.698	184	533096	56.891	ng		99
78) Pyrene	12.804	202	1407800	40.464	ng		99
80) Butylbenzylphthalate	13.410	149	605706	41.143	ng		96
81) Benzo(a)anthracene	13.992	228	1078563	39.161	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	277693	32.555	ng		98
83) Chrysene	14.033	228	1005634	39.007	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	748381	42.848	ng		99
85) Di-n-octyl phthalate	14.574	149	1056668	43.825	ng		99
87) Indeno(1,2,3-cd)pyrene	16.962	276	982938	42.418	ng		100
88) Benzo(b)fluoranthene	15.045	252	926022	40.065	ng		99
89) Benzo(k)fluoranthene	15.074	252	880511	39.724	ng		99
90) Benzo(a)pyrene	15.410	252	780905	42.903	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	850707	44.493	ng		99
92) Benzo(g,h,i)perylene	17.410	276	866607	45.431	ng		98

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

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