Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
Data File : BF129960.D
Acq On : 23 Aug 2022 19:02
Operator : CG\JU
Sample : N4120-07MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BLDG-19CMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/24/2022
Supervised By :Jagrut Upadhyay 08/24/2022

Quant Time: Aug 24 01:58:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 04:41:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	148532	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	600021	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	314688	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	502010	20.000	ng		0.00
76) Chrysene-d12	13.951	240	276299	20.000	ng		0.00
86) Perylene-d12	15.404	264	244036	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	1141951	127.294	ng		0.04
7) Phenol-d6	6.451	99	1355791	120.685	ng		0.02
23) Nitrobenzene-d5	7.351	82	1010065	90.115	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	427680	135.412	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	1851794	89.375	ng		0.00
79) Terphenyl-d14	12.886	244	1759117	105.938	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	161835m	43.727	ng		
3) Pyridine	3.504	79	230106	23.758	ng		98
4) n-Nitrosodimethylamine	3.410	42	252014	56.460	ng		89
6) Aniline	6.457	93	157032	12.264	ng	#	1
8) 2-Chlorophenol	6.581	128	526265	52.696	ng		97
9) Benzaldehyde	6.345	77	44319	0.808	ng		97
10) Phenol	6.463	94	562923	45.681	ng	#	73
11) bis(2-Chloroethyl)ether	6.522	93	529903	56.627	ng		100
12) 1,3-Dichlorobenzene	6.716	146	519446	48.180	ng		96
13) 1,4-Dichlorobenzene	6.798	146	531774	48.272	ng		97
14) 1,2-Dichlorobenzene	6.945	146	504785	49.337	ng		98
15) Benzyl Alcohol	6.939	79	452037	53.300	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	678147	54.083	ng		73
17) 2-Methylphenol	7.063	107	417810	52.104	ng		97
18) Hexachloroethane	7.281	117	208631	50.432	ng		97
19) n-Nitroso-di-n-propyla...	7.204	70	392299	55.246	ng		98
20) 3+4-Methylphenols	7.216	107	555910	51.646	ng		96
22) Acetophenone	7.198	105	795518	54.406	ng	#	96
24) Nitrobenzene	7.369	77	586874	51.925	ng		94
25) Isophorone	7.610	82	1052910	54.578	ng		99
26) 2-Nitrophenol	7.686	139	286458	51.527	ng		96
27) 2,4-Dimethylphenol	7.734	122	461429	57.875	ng		94
28) bis(2-Chloroethoxy)met...	7.810	93	638297	56.667	ng		98
29) 2,4-Dichlorophenol	7.939	162	447378	51.316	ng		97
30) 1,2,4-Trichlorobenzene	8.004	180	447173	48.621	ng		99
31) Naphthalene	8.081	128	1521422	48.495	ng		100
32) Benzoic acid	7.910	122	265177	65.902	ng		91
33) 4-Chloroaniline	8.151	127	58655	4.754	ng		98
34) Hexachlorobutadiene	8.186	225	278135	49.665	ng		99
35) Caprolactam	8.551	113	112654m	41.553	ng		
36) 4-Chloro-3-methylphenol	8.651	107	493041	52.422	ng		97
37) 2-Methylnaphthalene	8.775	142	1022864	49.675	ng		99
38) 1-Methylnaphthalene	8.875	142	967850	48.365	ng		98
40) 1,2,4,5-Tetrachloroben...	8.939	216	461540	52.732	ng		99
41) Hexachlorocyclopentadiene	8.916	237	344143	103.058	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	296121	52.072	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	300913	49.184	ng		97
46) 1,1'-Biphenyl	9.239	154	1260524	52.727	ng		100
47) 2-Chloronaphthalene	9.263	162	974223	51.504	ng		96
48) 2-Nitroaniline	9.375	65	308790	51.657	ng		96
49) Acenaphthylene	9.680	152	1407968	49.086	ng		100
50) Dimethylphthalate	9.545	163	1170604	51.891	ng		100
51) 2,6-Dinitrotoluene	9.622	165	253668	51.837	ng		87
52) Acenaphthene	9.851	154	865409	49.729	ng		99
53) 3-Nitroaniline	9.792	138	74915	13.843	ng		99
54) 2,4-Dinitrophenol	9.910	184	265485	117.259	ng		94
55) Dibenzofuran	10.022	168	1301874	49.795	ng		94
56) 4-Nitrophenol	9.986	139	213708	88.765	ng		90
57) 2,4-Dinitrotoluene	10.027	165	328270	51.676	ng		97
58) Fluorene	10.369	166	1074070	49.201	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	230617	51.363	ng	#	78
60) Diethylphthalate	10.239	149	1144884	50.898	ng		97
61) 4-Chlorophenyl-phenyle...	10.357	204	500384	51.078	ng		100
62) 4-Nitroaniline	10.416	138	187663m	34.373	ng		
63) Azobenzene	10.516	77	1052613	48.958	ng		99
65) 4,6-Dinitro-2-methylph...	10.445	198	162735	55.219	ng		91
66) n-Nitrosodiphenylamine	10.480	169	774681	45.720	ng		99
67) 4-Bromophenyl-phenylether	10.845	248	315123	53.594	ng		99
68) Hexachlorobenzene	10.916	284	352804	55.392	ng		97
69) Atrazine	11.010	200	125203	24.075	ng		98
70) Pentachlorophenol	11.127	266	239154	122.332	ng		98
71) Phenanthrene	11.333	178	1406804	50.176	ng		100
72) Anthracene	11.386	178	1434523	51.451	ng		100
73) Carbazole	11.545	167	1143390	45.176	ng		99
74) Di-n-butylphthalate	11.857	149	1697947	52.126	ng		99
75) Fluoranthene	12.521	202	1347364	46.963	ng		98
78) Pyrene	12.751	202	1315789	54.801	ng		99
80) Butylbenzylphthalate	13.357	149	601027	59.157	ng		93
81) Benzo(a)anthracene	13.945	228	964171	50.728	ng		99
82) 3,3'-Dichlorobenzidine	13.904	252	33980	5.772	ng	#	96
83) Chrysene	13.980	228	892699	50.175	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	809985	67.199	ng		97
85) Di-n-octyl phthalate	14.521	149	1153667	69.334	ng		99
87) Indeno(1,2,3-cd)pyrene	16.874	276	961067	57.365	ng		99
88) Benzo(b)fluoranthene	14.986	252	863860	51.696	ng		99
89) Benzo(k)fluoranthene	15.015	252	845263	52.745	ng		98
90) Benzo(a)pyrene	15.345	252	732466	55.661	ng		99
91) Dibenzo(a,h)anthracene	16.874	278	850815	61.549	ng		99
92) Benzo(g,h,i)perylene	17.309	276	850741	61.688	ng		100

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

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