Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
Data File : BF129739.D
Acq On : 12 Aug 2022 12:22
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 15:53:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 12 15:52:45 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/15/2022
Supervised By :Sohil Jodhani 08/16/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.828	152	148598	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	582984	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	307821	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	513091	20.000	ng		0.00
76) Chrysene-d12	14.010	240	307533	20.000	ng		0.00
86) Perylene-d12	15.480	264	261504	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	707429	77.552	ng		0.00
7) Phenol-d6	6.492	99	873458	76.179	ng		0.00
23) Nitrobenzene-d5	7.404	82	837899	78.458	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	234720	79.312	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1538779	77.331	ng		0.00
79) Terphenyl-d14	12.945	244	1442679	88.502	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	147244	35.776	ng		88
3) Pyridine	3.346	79	410971	35.957	ng		92
4) n-Nitrosodimethylamine	3.304	42	179735	35.811	ng	#	95
6) Aniline	6.498	93	498275	34.957	ng	#	41
8) 2-Chlorophenol	6.628	128	391506	39.284	ng		97
9) Benzaldehyde	6.387	77	292673	37.587	ng		96
10) Phenol	6.504	94	474391m	38.852	ng		
11) bis(2-Chloroethyl)ether	6.569	93	363618	37.551	ng		93
12) 1,3-Dichlorobenzene	6.769	146	418918	39.193	ng		99
13) 1,4-Dichlorobenzene	6.851	146	429626	39.523	ng		98
14) 1,2-Dichlorobenzene	7.004	146	401006	40.134	ng		99
15) Benzyl Alcohol	6.987	79	331357	39.847	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	489949	33.660	ng	#	1
17) 2-Methylphenol	7.104	107	316199	38.245	ng	#	87
18) Hexachloroethane	7.339	117	164274	40.134	ng		92
19) n-Nitroso-di-n-propyla...	7.251	70	277555	39.986	ng		90
20) 3+4-Methylphenols	7.257	107	424320	40.365	ng	#	80
22) Acetophenone	7.245	105	545416	40.184	ng	#	96
24) Nitrobenzene	7.422	77	421387	38.317	ng		95
25) Isophorone	7.657	82	712619	37.226	ng		100
26) 2-Nitrophenol	7.734	139	212095	39.093	ng		96
27) 2,4-Dimethylphenol	7.781	122	314846m	38.688	ng		
28) bis(2-Chloroethoxy)met...	7.863	93	421662	37.970	ng		98
29) 2,4-Dichlorophenol	7.987	162	328661	39.128	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	341073	39.230	ng		98
31) Naphthalene	8.139	128	1171660	39.558	ng		99
32) Benzoic acid	7.916	122	123732	21.031	ng		97
33) 4-Chloroaniline	8.192	127	460562	37.874	ng		97
34) Hexachlorobutadiene	8.245	225	210916	42.677	ng		99
35) Caprolactam	8.575	113	100224m	36.701	ng		
36) 4-Chloro-3-methylphenol	8.686	107	349576	39.239	ng		97
37) 2-Methylnaphthalene	8.828	142	761841	39.580	ng		99
38) 1-Methylnaphthalene	8.928	142	737636	39.698	ng		98
40) 1,2,4,5-Tetrachloroben...	8.992	216	330949	40.945	ng		99
41) Hexachlorocyclopentadiene	8.975	237	161236	44.798	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	213182	36.314	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	231448	36.254	ng	#	94
46) 1,1'-Biphenyl	9.292	154	894742	39.829	ng		99
47) 2-Chloronaphthalene	9.322	162	703856	38.757	ng		98
48) 2-Nitroaniline	9.422	65	225460	37.335	ng		92
49) Acenaphthylene	9.733	152	1067101	38.670	ng		99
50) Dimethylphthalate	9.592	163	833970	39.246	ng		99
51) 2,6-Dinitrotoluene	9.663	165	182363	38.343	ng		97
52) Acenaphthene	9.904	154	703965m	39.058	ng		
53) 3-Nitroaniline	9.839	138	203179	36.177	ng	#	93
54) 2,4-Dinitrophenol	9.951	184	85406	35.175	ng		89
55) Dibenzofuran	10.080	168	970903	39.077	ng		97
56) 4-Nitrophenol	10.028	139	139063	33.563	ng		97
57) 2,4-Dinitrotoluene	10.069	165	237292	38.192	ng		94
58) Fluorene	10.422	166	797795	40.131	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	172789	35.023	ng		92
60) Diethylphthalate	10.292	149	823948	40.110	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	356792	40.711	ng		90
62) 4-Nitroaniline	10.457	138	199080m	35.733	ng		
63) Azobenzene	10.569	77	801175	38.238	ng		93
65) 4,6-Dinitro-2-methylph...	10.486	198	120479	37.202	ng		89
66) n-Nitrosodiphenylamine	10.533	169	673642	39.424	ng		96
67) 4-Bromophenyl-phenylether	10.898	248	230791	41.077	ng		91
68) Hexachlorobenzene	10.969	284	250580	41.161	ng		97
69) Atrazine	11.063	200	203300	39.171	ng		97
70) Pentachlorophenol	11.175	266	117925	35.632	ng		100
71) Phenanthrene	11.386	178	1086069	38.777	ng		99
72) Anthracene	11.439	178	1087739	39.520	ng		99
73) Carbazole	11.598	167	963246	37.177	ng		99
74) Di-n-butylphthalate	11.916	149	1239196	40.161	ng		100
75) Fluoranthene	12.580	202	1063677	37.481	ng		99
77) Benzidine	12.704	184	427171	39.318	ng		98
78) Pyrene	12.810	202	1068134	41.535	ng		98
80) Butylbenzylphthalate	13.416	149	447863	40.150	ng		98
81) Benzo(a)anthracene	13.998	228	813146	38.707	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	259579	37.425	ng		98
83) Chrysene	14.039	228	757741	38.272	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	594012	40.449	ng		100
85) Di-n-octyl phthalate	14.580	149	872037	41.265	ng		95
87) Indeno(1,2,3-cd)pyrene	16.974	276	785400	44.600	ng		98
88) Benzo(b)fluoranthene	15.051	252	689646	39.757	ng		99
89) Benzo(k)fluoranthene	15.080	252	601685	35.396	ng		99
90) Benzo(a)pyrene	15.421	252	537939	38.202	ng		100
91) Dibenzo(a,h)anthracene	16.980	278	647949	45.207	ng		99
92) Benzo(g,h,i)perylene	17.421	276	656123	44.799	ng		98

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

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