Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129498.D
Acq On : 02 Aug 2022 09:46
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 02 17:34:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	207958	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	795662	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	420376	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	726440	20.000	ng	#	0.00
76) Chrysene-d12	14.062	240	486273	20.000	ng		0.01
86) Perylene-d12	15.545	264	382221	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1007532	78.923	ng		0.01
7) Phenol-d6	6.528	99	1282492	79.925	ng		0.00
23) Nitrobenzene-d5	7.451	82	1212365	83.178	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	343259	84.931	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	2080540	76.562	ng		0.00
79) Terphenyl-d14	12.998	244	2112223	81.947	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.651	88	222476	38.625	ng		88
3) Pyridine	3.440	79	610572	38.172	ng		91
4) n-Nitrosodimethylamine	3.398	42	282240	40.183	ng		93
6) Aniline	6.545	93	741162	37.155	ng	#	29
8) 2-Chlorophenol	6.675	128	562973	40.365	ng		96
9) Benzaldehyde	6.434	77	394696	36.221	ng		98
10) Phenol	6.545	94	698315m	40.867	ng		
11) bis(2-Chloroethyl)ether	6.616	93	532564	39.299	ng		94
12) 1,3-Dichlorobenzene	6.822	146	608488	40.679	ng		98
13) 1,4-Dichlorobenzene	6.898	146	611475	40.195	ng		99
14) 1,2-Dichlorobenzene	7.051	146	568440	40.652	ng		97
15) Benzyl Alcohol	7.028	79	489585	42.069	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	742059	36.429	ng	#	35
17) 2-Methylphenol	7.145	107	460574	39.806	ng	#	91
18) Hexachloroethane	7.386	117	234019	40.854	ng	#	86
19) n-Nitroso-di-n-propyla...	7.298	70	390087	40.157	ng		91
20) 3+4-Methylphenols	7.298	107	587002	39.901	ng		99
22) Acetophenone	7.292	105	762172	41.144	ng		97
24) Nitrobenzene	7.469	77	610960	40.705	ng		96
25) Isophorone	7.704	82	1048372	40.126	ng		99
26) 2-Nitrophenol	7.781	139	314579	42.485	ng		95
27) 2,4-Dimethylphenol	7.822	122	452283m	40.721	ng		
28) bis(2-Chloroethoxy)met...	7.910	93	608464	40.146	ng		99
29) 2,4-Dichlorophenol	8.028	162	470031	41.001	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	486230	40.977	ng		96
31) Naphthalene	8.186	128	1653588	40.906	ng		100
32) Benzoic acid	7.951	122	220279	27.434	ng		99
33) 4-Chloroaniline	8.239	127	672596	40.526	ng		97
34) Hexachlorobutadiene	8.298	225	287558	42.633	ng		99
35) Caprolactam	8.622	113	157143m	42.163	ng		
36) 4-Chloro-3-methylphenol	8.728	107	507728	41.758	ng		97
37) 2-Methylnaphthalene	8.875	142	1084571	41.285	ng		100
38) 1-Methylnaphthalene	8.975	142	1043425	41.145	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	456438	41.351	ng		99
41) Hexachlorocyclopentadiene	9.022	237	201022	40.898	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	326382	40.711	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.210	196	351750	40.345	ng		95
46)	1,1'-Biphenyl	9.339	154	1257508	40.989	ng		99
47)	2-Chloronaphthalene	9.369	162	1002070	40.404	ng		99
48)	2-Nitroaniline	9.469	65	346029	41.959	ng		96
49)	Acenaphthylene	9.786	152	1531683	40.644	ng		100
50)	Dimethylphthalate	9.645	163	1202654	41.442	ng		100
51)	2,6-Dinitrotoluene	9.710	165	273065	42.041	ng		97
52)	Acenaphthene	9.957	154	1011673m	41.102	ng		
53)	3-Nitroaniline	9.886	138	311978	40.676	ng	#	91
54)	2,4-Dinitrophenol	9.992	184	140677	42.426	ng		92
55)	Dibenzofuran	10.127	168	1389795	40.960	ng		96
56)	4-Nitrophenol	10.063	139	215395	38.066	ng		98
57)	2,4-Dinitrotoluene	10.116	165	355525	41.900	ng		97
58)	Fluorene	10.474	166	1135374	41.821	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.251	232	270475m	40.144	ng		
60)	Diethylphthalate	10.339	149	1163288	41.467	ng		99
61)	4-Chlorophenyl-phenyle...	10.463	204	498191	41.625	ng		96
62)	4-Nitroaniline	10.504	138	312507	41.073	ng		96
63)	Azobenzene	10.622	77	1148875	40.152	ng		95
65)	4,6-Dinitro-2-methylph...	10.533	198	189277	41.281	ng		81
66)	n-Nitrosodiphenylamine	10.586	169	974976	40.301	ng		97
67)	4-Bromophenyl-phenylether	10.951	248	326507	41.046	ng		95
68)	Hexachlorobenzene	11.022	284	357919	41.526	ng		99
69)	Atrazine	11.110	200	293945	40.002	ng		97
70)	Pentachlorophenol	11.221	266	189342	40.409	ng		99
71)	Phenanthrene	11.439	178	1583889	39.942	ng		100
72)	Anthracene	11.492	178	1581495	40.584	ng		99
73)	Carbazole	11.651	167	1467571	40.007	ng		99
74)	Di-n-butylphthalate	11.963	149	1767279	40.455	ng		99
75)	Fluoranthene	12.627	202	1640084	40.820	ng		98
77)	Benzidine	12.751	184	760099	44.246	ng		99
78)	Pyrene	12.863	202	1643426	40.415	ng		98
80)	Butylbenzylphthalate	13.463	149	732056	41.505	ng		99
81)	Benzo(a)anthracene	14.051	228	1345988	40.521	ng		100
82)	3,3'-Dichlorobenzidine	14.010	252	418117	38.124	ng		96
83)	Chrysene	14.086	228	1258672	40.206	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.015	149	904159	38.938	ng		99
85)	Di-n-octyl phthalate	14.633	149	1350742	40.423	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.062	276	1041600	40.468	ng		99
88)	Benzo(b)fluoranthene	15.109	252	1045541	41.238	ng		100
89)	Benzo(k)fluoranthene	15.139	252	1016033	40.893	ng		100
90)	Benzo(a)pyrene	15.486	252	842108	40.915	ng		100
91)	Dibenzo(a,h)anthracene	17.074	278	840255	40.109	ng		99
92)	Benzo(g,h,i)perylene	17.527	276	876063	40.925	ng		98

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

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