Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092722\
Data File : BF130421.D
Acq On : 27 Sep 2022 12:10
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 27 18:39:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 27 01:00:47 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.645	152	116642	20.000	ng		0.00
21) Naphthalene-d8	7.928	136	422714	20.000	ng		-0.01
39) Acenaphthene-d10	9.680	164	217443	20.000	ng		0.00
64) Phenanthrene-d10	11.157	188	368890	20.000	ng		-0.01
76) Chrysene-d12	13.792	240	220430	20.000	ng		#-0.01
86) Perylene-d12	15.174	264	190618	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.245	112	529831	78.786	ng		0.00
7) Phenol-d6	6.292	99	649279	77.162	ng		0.00
23) Nitrobenzene-d5	7.216	82	637837	77.088	ng		0.00
42) 2,4,6-Tribromophenol	10.469	330	185481	89.023	ng		-0.01
45) 2-Fluorobiphenyl	9.010	172	1206123	80.773	ng		0.00
79) Terphenyl-d14	12.745	244	1130938	84.988	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.263	88	106826	34.588	ng		96
3) Pyridine	2.940	79	292057	36.250	ng		95
4) n-Nitrosodimethylamine	2.904	42	141703	32.338	ng		89
6) Aniline	6.310	93	387197	37.346	ng	#	87
8) 2-Chlorophenol	6.434	128	308438	40.263	ng		92
9) Benzaldehyde	6.192	77	196513	34.865	ng		97
10) Phenol	6.304	94	374459	37.974	ng		84
11) bis(2-Chloroethyl)ether	6.392	93	269589	37.903	ng		93
12) 1,3-Dichlorobenzene	6.587	146	336736	39.949	ng		96
13) 1,4-Dichlorobenzene	6.663	146	343083	39.913	ng		99
14) 1,2-Dichlorobenzene	6.816	146	320026	39.855	ng		98
15) Benzyl Alcohol	6.798	79	207593	31.116	ng		95
16) 2,2'-oxybis(1-Chloropr...	6.928	45	333325	32.132	ng		90
17) 2-Methylphenol	6.910	107	240615	38.638	ng		99
18) Hexachloroethane	7.157	117	130211	38.430	ng		95
19) n-Nitroso-di-n-propyla...	7.069	70	198927	35.035	ng		94
20) 3+4-Methylphenols	7.069	107	314459	38.872	ng	#	77
22) Acetophenone	7.063	105	402388	38.935	ng		95
24) Nitrobenzene	7.234	77	317061	37.739	ng		96
25) Isophorone	7.475	82	504751	37.849	ng		97
26) 2-Nitrophenol	7.551	139	157576	45.753	ng	#	85
27) 2,4-Dimethylphenol	7.592	122	209587	39.523	ng		95
28) bis(2-Chloroethoxy)met...	7.686	93	293986	39.150	ng		99
29) 2,4-Dichlorophenol	7.792	162	249060	42.859	ng		95
30) 1,2,4-Trichlorobenzene	7.875	180	268387	42.718	ng		94
31) Naphthalene	7.951	128	888481	40.798	ng		99
32) Benzoic acid	7.734	122	160116	39.044	ng		90
33) 4-Chloroaniline	8.004	127	345323	41.692	ng		98
34) Hexachlorobutadiene	8.069	225	171662	42.752	ng		98
35) Caprolactam	8.386	113	69756	41.872	ng	#	83
36) 4-Chloro-3-methylphenol	8.492	107	259179	40.238	ng		99
37) 2-Methylnaphthalene	8.639	142	569518	41.016	ng		99
38) 1-Methylnaphthalene	8.739	142	545526	40.898	ng		100
40) 1,2,4,5-Tetrachloroben...	8.804	216	250614	42.233	ng		97
41) Hexachlorocyclopentadiene	8.792	237	110500	34.780	ng		99
43) 2,4,6-Trichlorophenol	8.922	196	174374	42.104	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.963	196	190130	42.543	ng		98
46)	1,1'-Biphenyl	9.104	154	664785	40.936	ng		98
47)	2-Chloronaphthalene	9.128	162	533948	40.645	ng		98
48)	2-Nitroaniline	9.233	65	163127	37.231	ng	#	82
49)	Acenaphthylene	9.539	152	804515	40.845	ng		100
50)	Dimethylphthalate	9.416	163	613508	40.846	ng		99
51)	2,6-Dinitrotoluene	9.475	165	136013	43.299	ng	#	83
52)	Acenaphthene	9.716	154	526953m	40.719	ng		
53)	3-Nitroaniline	9.645	138	147351	42.097	ng		87
54)	2,4-Dinitrophenol	9.751	184	61338	39.436	ng	#	79
55)	Dibenzofuran	9.886	168	736564	40.919	ng		96
56)	4-Nitrophenol	9.810	139	96458	37.835	ng		86
57)	2,4-Dinitrotoluene	9.875	165	173395	43.191	ng		92
58)	Fluorene	10.227	166	600840	40.815	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.004	232	149630	42.775	ng		93
60)	Diethylphthalate	10.110	149	599438	39.798	ng		98
61)	4-Chlorophenyl-phenyle...	10.222	204	269738	41.769	ng		96
62)	4-Nitroaniline	10.251	138	145420	41.356	ng		92
63)	Azobenzene	10.380	77	554353	35.742	ng		96
65)	4,6-Dinitro-2-methylph...	10.280	198	94677	46.105	ng		89
66)	n-Nitrosodiphenylamine	10.345	169	494761	40.136	ng		99
67)	4-Bromophenyl-phenylether	10.710	248	174264	42.823	ng		93
68)	Hexachlorobenzene	10.769	284	200645	43.495	ng		99
69)	Atrazine	10.875	200	146143	40.567	ng		95
70)	Pentachlorophenol	10.969	266	97018	39.187	ng		99
71)	Phenanthrene	11.186	178	832075	40.175	ng		99
72)	Anthracene	11.233	178	814323	40.743	ng		99
73)	Carbazole	11.392	167	723646	40.119	ng		99
74)	Di-n-butylphthalate	11.727	149	869798	39.988	ng		99
75)	Fluoranthene	12.369	202	827415	41.344	ng		96
77)	Benzidine	12.498	184	234356	36.624	ng		99
78)	Pyrene	12.592	202	823882	42.725	ng		98
80)	Butylbenzylphthalate	13.221	149	305388	42.749	ng		94
81)	Benzo(a)anthracene	13.780	228	600851	40.974	ng		100
82)	3,3'-Dichlorobenzidine	13.751	252	176605	44.243	ng	#	97
83)	Chrysene	13.816	228	567342	40.747	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.780	149	334051	40.824	ng		98
85)	Di-n-octyl phthalate	14.392	149	504118	40.280	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	16.498	276	565591	41.841	ng		98
88)	Benzo(b)fluoranthene	14.786	252	488176	39.238	ng		99
89)	Benzo(k)fluoranthene	14.815	252	504349	41.209	ng		98
90)	Benzo(a)pyrene	15.115	252	410575	41.655	ng		98
91)	Dibenzo(a,h)anthracene	16.509	278	467533	42.161	ng		98
92)	Benzo(g,h,i)perylene	16.892	276	462591	41.411	ng		99

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

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