Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111022\
Data File : BF131125.D
Acq On : 10 Nov 2022 16:18
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 11 00:48:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 04:15:17 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

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11/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	74619	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	272356	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	163120	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	291216	20.000	ng		0.00
76) Chrysene-d12	14.080	240	170390	20.000	ng		0.00
86) Perylene-d12	15.574	264	127017	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	348308	79.382	ng		0.00
7) Phenol-d6	6.522	99	440493	76.789	ng		0.00
23) Nitrobenzene-d5	7.463	82	460198	76.237	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	128104	75.990	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	879571	75.273	ng		0.00
79) Terphenyl-d14	13.015	244	814506	83.813	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.651	88	80676	37.354	ng		98
3) Pyridine	3.422	79	224971	37.936	ng		98
4) n-Nitrosodimethylamine	3.393	42	129070	37.729	ng		99
6) Aniline	6.557	93	275774	39.161	ng		99
8) 2-Chlorophenol	6.675	128	202587	40.134	ng		97
9) Benzaldehyde	6.445	77	146809	39.329	ng		96
10) Phenol	6.534	94	264786	39.486	ng		99
11) bis(2-Chloroethyl)ether	6.628	93	190007	39.604	ng		99
12) 1,3-Dichlorobenzene	6.833	146	223200	39.762	ng		96
13) 1,4-Dichlorobenzene	6.910	146	224376	39.349	ng		98
14) 1,2-Dichlorobenzene	7.063	146	206706	39.135	ng		98
15) Benzyl Alcohol	7.033	79	180138	41.058	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	326921	40.640	ng		99
17) 2-Methylphenol	7.145	107	161601	38.277	ng		97
18) Hexachloroethane	7.404	117	86995	40.916	ng		94
19) n-Nitroso-di-n-propyla...	7.304	70	144919	38.477	ng		98
20) 3+4-Methylphenols	7.298	107	207361	39.311	ng	#	84
22) Acetophenone	7.304	105	267153	39.196	ng		94
24) Nitrobenzene	7.481	77	232249	39.718	ng		96
25) Isophorone	7.716	82	365058	39.112	ng		98
26) 2-Nitrophenol	7.792	139	104088	40.117	ng		95
27) 2,4-Dimethylphenol	7.828	122	153778m	38.648	ng		
28) bis(2-Chloroethoxy)met...	7.922	93	209852	39.673	ng		100
29) 2,4-Dichlorophenol	8.033	162	170435	40.066	ng		95
30) 1,2,4-Trichlorobenzene	8.116	180	180314	39.308	ng		99
31) Naphthalene	8.198	128	579871	38.966	ng		99
32) Benzoic acid	7.951	122	103444	38.362	ng		96
33) 4-Chloroaniline	8.251	127	217681	36.479	ng		97
34) Hexachlorobutadiene	8.310	225	122810	39.182	ng		99
35) Caprolactam	8.627	113	52077m	39.935	ng		
36) 4-Chloro-3-methylphenol	8.727	107	182361	38.739	ng		99
37) 2-Methylnaphthalene	8.892	142	382921	39.917	ng		98
38) 1-Methylnaphthalene	8.992	142	382134	40.676	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	204779	38.445	ng		99
41) Hexachlorocyclopentadiene	9.039	237	69135	33.265	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	137271	39.269	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	154410	39.480	ng		97
46) 1,1'-Biphenyl	9.357	154	485126	38.465	ng		98
47) 2-Chloronaphthalene	9.380	162	396193	38.711	ng		100
48) 2-Nitroaniline	9.480	65	147849	39.693	ng		95
49) Acenaphthylene	9.798	152	607112	38.821	ng		99
50) Dimethylphthalate	9.657	163	458254	39.494	ng		99
51) 2,6-Dinitrotoluene	9.722	165	103279	40.502	ng		91
52) Acenaphthene	9.974	154	357517	38.325	ng		98
53) 3-Nitroaniline	9.898	138	115429	39.593	ng		94
54) 2,4-Dinitrophenol	10.004	184	52753	39.413	ng		93
55) Dibenzofuran	10.145	168	539686	39.066	ng		97
56) 4-Nitrophenol	10.057	139	76527	39.439	ng		89
57) 2,4-Dinitrotoluene	10.127	165	135452	39.959	ng		98
58) Fluorene	10.486	166	427204	38.074	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.263	232	121671	40.458	ng		99
60) Diethylphthalate	10.357	149	440078	39.381	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	201500	38.589	ng		97
62) 4-Nitroaniline	10.516	138	115448	39.185	ng		91
63) Azobenzene	10.639	77	453156	38.743	ng		97
65) 4,6-Dinitro-2-methylph...	10.539	198	80530	43.010	ng		99
66) n-Nitrosodiphenylamine	10.598	169	388216	39.653	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	127343	38.671	ng		95
68) Hexachlorobenzene	11.033	284	145468	39.638	ng		96
69) Atrazine	11.127	200	119951	39.579	ng		97
70) Pentachlorophenol	11.233	266	63869	37.299	ng		99
71) Phenanthrene	11.457	178	625593	39.059	ng		99
72) Anthracene	11.510	178	622078	40.018	ng		99
73) Carbazole	11.663	167	548372	39.669	ng		99
74) Di-n-butylphthalate	11.986	149	629027	40.344	ng		100
75) Fluoranthene	12.645	202	606576	37.834	ng		99
77) Benzidine	12.768	184	183329	36.470	ng		98
78) Pyrene	12.880	202	614202	42.015	ng		100
80) Butylbenzylphthalate	13.492	149	206676	39.488	ng		99
81) Benzo(a)anthracene	14.068	228	484812	39.807	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	131719	37.893	ng	#	98
83) Chrysene	14.104	228	455043	39.563	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	217314	38.463	ng		100
85) Di-n-octyl phthalate	14.662	149	286565	39.996	ng		99
87) Indeno(1,2,3-cd)pyrene	17.098	276	450688	43.739	ng		99
88) Benzo(b)fluoranthene	15.133	252	324424	36.126	ng		99
89) Benzo(k)fluoranthene	15.162	252	330604	38.302	ng		99
90) Benzo(a)pyrene	15.509	252	278764	38.720	ng		99
91) Dibenzo(a,h)anthracene	17.109	278	365122	43.727	ng		99
92) Benzo(g,h,i)perylene	17.556	276	382579	43.300	ng		100

11/11/2022 Supervised By :Jagrut Upadhyay

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

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