Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131746.D
Acq On : 21 Dec 2022 15:03
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 22 05:20:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	83752	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	288161	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	170301	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	336023	20.000	ng		0.00
76) Chrysene-d12	14.062	240	203081	20.000	ng		0.00
86) Perylene-d12	15.556	264	174413	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	400970	80.618	ng		0.00
7) Phenol-d6	6.498	99	526893	78.705	ng		0.00
23) Nitrobenzene-d5	7.439	82	570288	80.342	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	154700	82.993	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	999090	82.181	ng		0.00
79) Terphenyl-d14	13.004	244	1167310	89.584	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.587	88	95284	40.995	ng		99
3) Pyridine	3.340	79	271242	40.927	ng		100
4) n-Nitrosodimethylamine	3.310	42	122950	41.004	ng	#	93
6) Aniline	6.534	93	320808	38.817	ng		97
8) 2-Chlorophenol	6.651	128	209958	39.302	ng		98
9) Benzaldehyde	6.416	77	157407	40.284	ng		99
10) Phenol	6.510	94	316665	39.619	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	227122	39.709	ng		99
12) 1,3-Dichlorobenzene	6.804	146	237773	39.375	ng		99
13) 1,4-Dichlorobenzene	6.886	146	243974	39.525	ng		99
14) 1,2-Dichlorobenzene	7.039	146	226543	39.198	ng		99
15) Benzyl Alcohol	7.010	79	231019	38.636	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	285608	39.161	ng		99
17) 2-Methylphenol	7.122	107	195307	38.727	ng		98
18) Hexachloroethane	7.381	117	99315	40.588	ng		99
19) n-Nitroso-di-n-propyla...	7.286	70	183438	37.994	ng		99
20) 3+4-Methylphenols	7.281	107	251094	38.685	ng		90
22) Acetophenone	7.281	105	334827	39.816	ng	#	92
24) Nitrobenzene	7.457	77	290099	40.201	ng		97
25) Isophorone	7.692	82	484234	40.170	ng		98
26) 2-Nitrophenol	7.775	139	115244	40.864	ng		96
27) 2,4-Dimethylphenol	7.810	122	161413	40.185	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	259770	40.580	ng		100
29) 2,4-Dichlorophenol	8.016	162	198500	40.935	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	231573	40.623	ng		99
31) Naphthalene	8.180	128	632438	40.187	ng		100
32) Benzoic acid	7.939	122	134426m	41.809	ng		
33) 4-Chloroaniline	8.233	127	242503	39.512	ng		97
34) Hexachlorobutadiene	8.292	225	155523	40.550	ng		99
35) Caprolactam	8.616	113	58448	39.974	ng		97
36) 4-Chloro-3-methylphenol	8.716	107	225423	40.695	ng		96
37) 2-Methylnaphthalene	8.875	142	431375	40.185	ng		100
38) 1-Methylnaphthalene	8.975	142	414856	39.902	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	240117	41.211	ng		99
41) Hexachlorocyclopentadiene	9.022	237	110534	41.873	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	157699	41.433	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	174560	42.365	ng	97
46) 1,1'-Biphenyl	9.339	154	523371	40.857	ng	99
47) 2-Chloronaphthalene	9.363	162	436027	41.568	ng	98
48) 2-Nitroaniline	9.463	65	158907	42.031	ng	91
49) Acenaphthylene	9.780	152	651725	41.424	ng	99
50) Dimethylphthalate	9.645	163	526345	41.075	ng	100
51) 2,6-Dinitrotoluene	9.710	165	117776	42.744	ng	92
52) Acenaphthene	9.957	154	399318	41.432	ng	98
53) 3-Nitroaniline	9.880	138	114341	40.556	ng	94
54) 2,4-Dinitrophenol	9.980	184	68991	41.788	ng	91
55) Dibenzofuran	10.127	168	608759	41.191	ng	100
56) 4-Nitrophenol	10.039	139	82947	41.106	ng	99
57) 2,4-Dinitrotoluene	10.110	165	158358	42.770	ng	97
58) Fluorene	10.469	166	495870	41.499	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	139113m	40.442	ng	
60) Diethylphthalate	10.345	149	519165	42.047	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	263545	41.498	ng	97
62) 4-Nitroaniline	10.498	138	117521	41.418	ng	95
63) Azobenzene	10.621	77	567632	41.863	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	97832	42.407	ng	94
66) n-Nitrosodiphenylamine	10.586	169	417127	40.030	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	161487	40.691	ng	94
68) Hexachlorobenzene	11.016	284	175125	40.122	ng	99
69) Atrazine	11.110	200	145218	41.807	ng	97
70) Pentachlorophenol	11.216	266	98140	42.363	ng	98
71) Phenanthrene	11.439	178	724176	39.523	ng	98
72) Anthracene	11.492	178	717974	40.020	ng	99
73) Carbazole	11.645	167	625442	40.295	ng	99
74) Di-n-butylphthalate	11.974	149	809140	41.865	ng	99
75) Fluoranthene	12.633	202	811590	39.772	ng	98
77) Benzidine	12.751	184	141198	37.917	ng	99
78) Pyrene	12.863	202	809959	43.867	ng	100
80) Butylbenzylphthalate	13.480	149	290672	44.635	ng	99
81) Benzo(a)anthracene	14.051	228	627921	42.932	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	177818	43.546	ng	99
83) Chrysene	14.092	228	585483	42.412	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	344456	44.359	ng	100
85) Di-n-octyl phthalate	14.657	149	510167	47.065	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	549186	46.879	ng	100
88) Benzo(b)fluoranthene	15.115	252	473416	38.366	ng	99
89) Benzo(k)fluoranthene	15.151	252	468646	38.922	ng	99
90) Benzo(a)pyrene	15.492	252	384375	39.325	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	456582	47.161	ng	99
92) Benzo(g,h,i)perylene	17.527	276	449068	46.929	ng	99

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

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