Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129313.D
Acq On : 22 Jul 2022 13:43
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 22 16:46:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 13:42:18 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
07/25/2022
Supervised By :Jagrut Upadhyay
07/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	129063	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	482489	20.000	ng	#	0.00
39) Acenaphthene-d10	9.933	164	253804	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	426892	20.000	ng		0.00
76) Chrysene-d12	14.068	240	273869	20.000	ng		-0.01
86) Perylene-d12	15.557	264	208253	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	620058	78.360	ng		0.00
7) Phenol-d6	6.522	99	783215	77.645	ng		0.00
23) Nitrobenzene-d5	7.463	82	758682	84.596	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	215104	87.845	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1325292	80.329	ng		0.00
79) Terphenyl-d14	13.010	244	1292683	87.908	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	132568	37.783	ng		92
3) Pyridine	3.463	79	369597	38.153	ng		94
4) n-Nitrosodimethylamine	3.416	42	185873	42.734	ng	#	93
6) Aniline	6.557	93	470275	37.889	ng		97
8) 2-Chlorophenol	6.681	128	340928	39.302	ng		96
9) Benzaldehyde	6.445	77	264201	38.183	ng		95
10) Phenol	6.534	94	416883	39.325	ng		97
11) bis(2-Chloroethyl)ether	6.628	93	318228	37.922	ng		95
12) 1,3-Dichlorobenzene	6.834	146	373681	39.969	ng		97
13) 1,4-Dichlorobenzene	6.910	146	374865	39.626	ng		98
14) 1,2-Dichlorobenzene	7.063	146	355182	40.633	ng		96
15) Benzyl Alcohol	7.034	79	307982	42.084	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.163	45	461891	36.105	ng		93
17) 2-Methylphenol	7.140	107	279302	39.508	ng		95
18) Hexachloroethane	7.404	117	149764	42.195	ng	#	88
19) n-Nitroso-di-n-propyla...	7.304	70	242955	40.424	ng		98
20) 3+4-Methylphenols	7.298	107	357892	38.816	ng	#	88
22) Acetophenone	7.304	105	472395	41.698	ng	#	99
24) Nitrobenzene	7.481	77	377472	40.865	ng		97
25) Isophorone	7.716	82	623120	39.575	ng		99
26) 2-Nitrophenol	7.792	139	182792	41.013	ng		96
27) 2,4-Dimethylphenol	7.828	122	266363m	39.726	ng		
28) bis(2-Chloroethoxy)met...	7.922	93	350364	38.411	ng		98
29) 2,4-Dichlorophenol	8.034	162	284464	40.788	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	296923	40.966	ng		96
31) Naphthalene	8.198	128	1012546	40.918	ng		100
32) Benzoic acid	7.939	122	185075	37.764	ng		97
33) 4-Chloroaniline	8.245	127	408922	40.515	ng		98
34) Hexachlorobutadiene	8.310	225	184590	44.556	ng		98
35) Caprolactam	8.622	113	86957m	39.094	ng		
36) 4-Chloro-3-methylphenol	8.728	107	304961	41.159	ng		95
37) 2-Methylnaphthalene	8.892	142	651215	40.612	ng		99
38) 1-Methylnaphthalene	8.992	142	621536	40.063	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	277635	41.668	ng		98
41) Hexachlorocyclopentadiene	9.039	237	138054	47.007	ng		99
43) 2,4,6-Trichlorophenol	9.169	196	195467	40.142	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	215280	40.755	ng	#	90
46) 1,1'-Biphenyl	9.357	154	757848	40.409	ng		98
47) 2-Chloronaphthalene	9.381	162	604329	40.228	ng		99
48) 2-Nitroaniline	9.475	65	210376	41.698	ng		98
49) Acenaphthylene	9.798	152	936852	40.609	ng		99
50) Dimethylphthalate	9.657	163	704131	40.381	ng		99
51) 2,6-Dinitrotoluene	9.722	165	159924	40.961	ng		98
52) Acenaphthene	9.969	154	620492	41.445	ng		99
53) 3-Nitroaniline	9.892	138	181683	39.108	ng	#	95
54) 2,4-Dinitrophenol	9.992	184	82985	42.004	ng	#	91
55) Dibenzofuran	10.145	168	842958	40.516	ng		96
56) 4-Nitrophenol	10.045	139	133895	39.468	ng		89
57) 2,4-Dinitrotoluene	10.122	165	216196	42.239	ng		97
58) Fluorene	10.486	166	685089	41.257	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	170190	41.792	ng	#	87
60) Diethylphthalate	10.351	149	705030	42.024	ng		98
61) 4-Chlorophenyl-phenyle...	10.475	204	299816	41.270	ng	#	88
62) 4-Nitroaniline	10.504	138	183743	40.045	ng		94
63) Azobenzene	10.633	77	703499	40.532	ng		95
65) 4,6-Dinitro-2-methylph...	10.533	198	116569	44.396	ng		94
66) n-Nitrosodiphenylamine	10.598	169	574486	40.706	ng		96
67) 4-Bromophenyl-phenylether	10.969	248	195947	42.541	ng		97
68) Hexachlorobenzene	11.033	284	217447	43.103	ng		99
69) Atrazine	11.122	200	181437	42.064	ng		95
70) Pentachlorophenol	11.227	266	118578	42.754	ng		100
71) Phenanthrene	11.451	178	966648	41.255	ng		99
72) Anthracene	11.504	178	957075	41.223	ng		98
73) Carbazole	11.657	167	870732	40.206	ng		99
74) Di-n-butylphthalate	11.980	149	1036494	41.422	ng		100
75) Fluoranthene	12.639	202	979163	41.004	ng		100
77) Benzidine	12.763	184	426449	39.073	ng		99
78) Pyrene	12.874	202	985332	42.066	ng		98
80) Butylbenzylphthalate	13.480	149	393445	41.164	ng		99
81) Benzo(a)anthracene	14.063	228	748516	39.691	ng		100
82) 3,3'-Dichlorobenzidine	14.021	252	239926	38.758	ng		97
83) Chrysene	14.098	228	697158	39.167	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	459568	39.153	ng	#	99
85) Di-n-octyl phthalate	14.651	149	626524	37.297	ng		97
87) Indeno(1,2,3-cd)pyrene	17.074	276	640362	44.854	ng		97
88) Benzo(b)fluoranthene	15.121	252	546241	39.409	ng		98
89) Benzo(k)fluoranthene	15.151	252	561288	41.704	ng		98
90) Benzo(a)pyrene	15.498	252	449957	40.120	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	518853	45.090	ng		97
92) Benzo(g,h,i)perylene	17.533	276	543474	45.453	ng		98

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

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