Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071422\
Data File : BF129220.D
Acq On : 14 Jul 2022 14:58
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 14 15:47:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 14 14:17:14 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/15/2022
Supervised By :Jagrut Upadhyay 07/15/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	330932	20.000	ng		0.00
21) Naphthalene-d8	8.187	136	1255669	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	628303	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	1027350	20.000	ng	#	0.00
76) Chrysene-d12	14.080	240	634146	20.000	ng		0.00
86) Perylene-d12	15.568	264	531685	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2274889	116.217	ng		0.00
7) Phenol-d6	6.540	99	3022966	124.346	ng		0.00
23) Nitrobenzene-d5	7.475	82	2760663	131.136	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	648285	94.891	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	13.021	244	3644711	119.353	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	566587	64.924	ng		93
3) Pyridine	3.510	79	1459212	68.468	ng		95
4) n-Nitrosodimethylamine	3.487	42	725901	75.177	ng		95
6) Aniline	6.563	93	1834513m	67.473	ng		
8) 2-Chlorophenol	6.692	128	1217161	59.185	ng		99
9) Benzaldehyde	6.457	77	667055	52.066	ng		99
10) Phenol	6.551	94	1574924	63.940	ng		97
11) bis(2-Chloroethyl)ether	6.645	93	1253063	64.274	ng		95
12) 1,3-Dichlorobenzene	6.845	146	1297067	57.294	ng		98
13) 1,4-Dichlorobenzene	6.922	146	1294628	56.696	ng		98
14) 1,2-Dichlorobenzene	7.075	146	1174218	54.703	ng		97
15) Benzyl Alcohol	7.045	79	1087255	63.580	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1983895	71.248	ng		95
17) 2-Methylphenol	7.151	107	1021091	61.016	ng		99
18) Hexachloroethane	7.416	117	506035	63.123	ng		90
19) n-Nitroso-di-n-propyla...	7.328	70	874345	62.172	ng		94
20) 3+4-Methylphenols	7.310	107	1200212	56.398	ng		97
22) Acetophenone	7.322	105	1605428	55.734	ng	#	97
24) Nitrobenzene	7.492	77	1297901	63.719	ng		97
25) Isophorone	7.728	82	2314264	65.047	ng		100
26) 2-Nitrophenol	7.804	139	668170	70.582	ng		94
27) 2,4-Dimethylphenol	7.834	122	1030298	60.284	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	1505246	61.604	ng		99
29) 2,4-Dichlorophenol	8.045	162	998490	57.278	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	1007950	52.544	ng		97
31) Naphthalene	8.210	128	3294542	57.795	ng		98
32) Benzoic acid	7.981	122	883820	64.455	ng		98
33) 4-Chloroaniline	8.257	127	1402202	61.046	ng		99
34) Hexachlorobutadiene	8.322	225	569440	49.714	ng		99
35) Caprolactam	8.657	113	349329m	63.195	ng		
36) 4-Chloro-3-methylphenol	8.739	107	1098778	62.037	ng		97
37) 2-Methylnaphthalene	8.898	142	2141882	55.840	ng		99
38) 1-Methylnaphthalene	8.998	142	2060232	55.308	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	884184	50.066	ng		98
41) Hexachlorocyclopentadiene	9.051	237	498917	53.519	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	681645	56.665	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.216	196	700839	54.773	ng	#	91
46)	1,1'-Biphenyl	9.369	154	2471778	54.721	ng		99
47)	2-Chloronaphthalene	9.392	162	1991755	57.099	ng		98
48)	2-Nitroaniline	9.486	65	731823	79.656	ng		97
49)	Acenaphthylene	9.810	152	2930765	55.294	ng		98
50)	Dimethylphthalate	9.669	163	2305746	58.660	ng		99
51)	2,6-Dinitrotoluene	9.733	165	515698	64.205	ng		97
52)	Acenaphthene	9.980	154	1936455m	56.088	ng		
53)	3-Nitroaniline	9.904	138	626460	65.404	ng	#	96
54)	2,4-Dinitrophenol	10.004	184	311629	86.619	ng		97
55)	Dibenzofuran	10.151	168	2677649	53.262	ng		93
56)	4-Nitrophenol	10.057	139	501409	64.069	ng		94
57)	2,4-Dinitrotoluene	10.133	165	679932	68.570	ng		93
58)	Fluorene	10.498	166	1983018	50.994	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.269	232	533841m	50.360	ng		
60)	Diethylphthalate	10.363	149	2197083	55.783	ng		99
61)	4-Chlorophenyl-phenyle...	10.486	204	900161	46.459	ng		90
62)	4-Nitroaniline	10.528	138	611477	64.379	ng		93
63)	Azobenzene	10.645	77	2389432	61.920	ng		96
65)	4,6-Dinitro-2-methylph...	10.545	198	405952	89.316	ng		94
66)	n-Nitrosodiphenylamine	10.610	169	1826683	58.545	ng		95
67)	4-Bromophenyl-phenylether	10.975	248	596660	54.598	ng		90
68)	Hexachlorobenzene	11.045	284	632253	51.957	ng		97
69)	Atrazine	11.133	200	472257	53.789	ng		97
70)	Pentachlorophenol	11.233	266	389435	53.730	ng		99
71)	Phenanthrene	11.463	178	2794266	56.925	ng		99
72)	Anthracene	11.516	178	2780208	57.447	ng		99
73)	Carbazole	11.669	167	2839689	58.557	ng		99
74)	Di-n-butylphthalate	11.986	149	3134875	61.311	ng		97
75)	Fluoranthene	12.651	202	2828442	55.097	ng		96
77)	Benzidine	12.769	184	657224	58.204	ng		99
78)	Pyrene	12.880	202	2884338	65.618	ng		99
80)	Butylbenzylphthalate	13.492	149	1341699	74.926	ng		97
81)	Benzo(a)anthracene	14.068	228	2286425	59.050	ng		98
82)	3,3'-Dichlorobenzidine	14.027	252	518357	61.957	ng	#	96
83)	Chrysene	14.110	228	2164716	60.221	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.045	149	1690368	71.029	ng		99
85)	Di-n-octyl phthalate	14.657	149	2556046	72.757	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.092	276	2070755	63.502	ng		97
88)	Benzo(b)fluoranthene	15.133	252	1931402	60.403	ng		98
89)	Benzo(k)fluoranthene	15.163	252	1782207	57.465	ng		98
90)	Benzo(a)pyrene	15.504	252	1583207	60.737	ng	#	96
91)	Dibenzo(a,h)anthracene	17.104	278	1639614	61.679	ng	#	96
92)	Benzo(g,h,i)perylene	17.551	276	1764219	66.150	ng		96

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

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