Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072022\
Data File : BF129288.D
Acq On : 20 Jul 2022 12:21
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 20 12:39:30 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 12:05:29 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	228515	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	853012	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	447272	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	756901	20.000	ng		# 0.00
76) Chrysene-d12	14.080	240	452665	20.000	ng		0.00
86) Perylene-d12	15.568	264	373213	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1528381	106.816	ng		0.00
7) Phenol-d6	6.534	99	1954647	105.622	ng		0.00
23) Nitrobenzene-d5	7.469	82	1819143	113.998	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	497388	119.811	ng		0.00
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng		
79) Terphenyl-d14	13.016	244	2770744	114.504	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	362878	55.667	ng		90
3) Pyridine	3.469	79	1060349	63.251	ng		90
4) n-Nitrosodimethylamine	3.434	42	468286	59.137	ng	#	93
6) Aniline	6.569	93	1247455	57.376	ng		100
8) 2-Chlorophenol	6.687	128	845205	56.099	ng		98
9) Benzaldehyde	6.451	77	667871	58.808	ng		97
10) Phenol	6.545	94	1040557m	55.976	ng		
11) bis(2-Chloroethyl)ether	6.634	93	833434	55.280	ng		96
12) 1,3-Dichlorobenzene	6.839	146	916661	57.212	ng		98
13) 1,4-Dichlorobenzene	6.916	146	923667	56.997	ng		99
14) 1,2-Dichlorobenzene	7.069	146	831991	55.080	ng		97
15) Benzyl Alcohol	7.039	79	743446	60.322	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1262918	52.571	ng		94
17) 2-Methylphenol	7.151	107	708333	55.930	ng		99
18) Hexachloroethane	7.410	117	355516	58.713	ng		90
19) n-Nitroso-di-n-propyla...	7.316	70	583185	53.577	ng		95
20) 3+4-Methylphenols	7.304	107	837233	53.787	ng		99
22) Acetophenone	7.310	105	1086029	55.170	ng		95
24) Nitrobenzene	7.487	77	919397	60.566	ng		95
25) Isophorone	7.722	82	1618419	60.344	ng		99
26) 2-Nitrophenol	7.798	139	465939	61.105	ng		96
27) 2,4-Dimethylphenol	7.834	122	684311	57.714	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	918721	51.426	ng		99
29) 2,4-Dichlorophenol	8.039	162	703568	59.687	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	720134	58.877	ng		97
31) Naphthalene	8.204	128	2402918	59.457	ng		99
32) Benzoic acid	7.969	122	566940	61.565	ng		98
33) 4-Chloroaniline	8.251	127	1005719	60.008	ng		100
34) Hexachlorobutadiene	8.316	225	413179	60.045	ng		98
35) Caprolactam	8.645	113	238992m	61.035	ng		
36) 4-Chloro-3-methylphenol	8.733	107	752906	58.552	ng		95
37) 2-Methylnaphthalene	8.898	142	1557210	59.117	ng		99
38) 1-Methylnaphthalene	8.998	142	1497333	58.778	ng		97
40) 1,2,4,5-Tetrachloroben...	9.063	216	653211	58.741	ng		98
41) Hexachlorocyclopentadiene	9.045	237	342498	61.205	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	495257	60.482	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.216	196	531442	61.355	ng		96
46)	1,1'-Biphenyl	9.363	154	1770587	55.968	ng		100
47)	2-Chloronaphthalene	9.386	162	1438492	57.730	ng		98
48)	2-Nitroaniline	9.486	65	521060	62.241	ng		90
49)	Acenaphthylene	9.804	152	2219805	59.188	ng		99
50)	Dimethylphthalate	9.663	163	1748260	60.233	ng		99
51)	2,6-Dinitrotoluene	9.728	165	400784	63.812	ng		96
52)	Acenaphthene	9.975	154	1470594m	59.988	ng		
53)	3-Nitroaniline	9.898	138	471674	62.891	ng	#	96
54)	2,4-Dinitrophenol	10.004	184	227486	67.581	ng		92
55)	Dibenzofuran	10.151	168	1978385	56.849	ng		98
56)	4-Nitrophenol	10.057	139	366857	61.801	ng		97
57)	2,4-Dinitrotoluene	10.133	165	528262	64.141	ng		98
58)	Fluorene	10.492	166	1563341	59.064	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.263	232	417823m	62.446	ng		
60)	Diethylphthalate	10.357	149	1645639	58.630	ng		99
61)	4-Chlorophenyl-phenyle...	10.480	204	691863	56.426	ng		91
62)	4-Nitroaniline	10.522	138	478925	64.501	ng		93
63)	Azobenzene	10.639	77	1694707	56.562	ng		96
65)	4,6-Dinitro-2-methylph...	10.545	198	301215	62.986	ng		89
66)	n-Nitrosodiphenylamine	10.604	169	1389865	57.553	ng		96
67)	4-Bromophenyl-phenylether	10.969	248	460520	57.798	ng	#	91
68)	Hexachlorobenzene	11.039	284	502026	60.026	ng		99
69)	Atrazine	11.127	200	432808	64.648	ng		97
70)	Pentachlorophenol	11.233	266	308046	61.940	ng		99
71)	Phenanthrene	11.457	178	2241897	58.339	ng		99
72)	Anthracene	11.510	178	2225958	58.312	ng		100
73)	Carbazole	11.663	167	2099973	55.151	ng		99
74)	Di-n-butylphthalate	11.986	149	2446403	55.908	ng		99
75)	Fluoranthene	12.651	202	2249636	58.780	ng		99
77)	Benzidine	12.769	184	1063403	83.925	ng		98
78)	Pyrene	12.880	202	2286736	62.370	ng		100
80)	Butylbenzylphthalate	13.486	149	964713	59.074	ng		99
81)	Benzo(a)anthracene	14.068	228	1784479	62.498	ng		99
82)	3,3'-Dichlorobenzidine	14.027	252	584897	81.889	ng	#	95
83)	Chrysene	14.104	228	1651320	60.591	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.039	149	1176764	54.154	ng		99
85)	Di-n-octyl phthalate	14.657	149	1673160	53.684	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.092	276	1699741	73.038	ng		99
88)	Benzo(b)fluoranthene	15.127	252	1451194m	63.294	ng		
89)	Benzo(k)fluoranthene	15.162	252	1352110	60.361	ng		99
90)	Benzo(a)pyrene	15.509	252	1184380	63.454	ng		99
91)	Dibenzo(a,h)anthracene	17.109	278	1362179	72.363	ng		98
92)	Benzo(g,h,i)perylene	17.556	276	1446279	75.162	ng		99

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

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