Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129233.D
Acq On : 15 Jul 2022 11:33
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 15 12:09:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 10:55:05 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	310603	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	1183641	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	611609	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	988380	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	574744	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	506547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2128711	108.049	ng	0.00
7) Phenol-d6	6.534	99	2822541	112.265	ng	0.00
23) Nitrobenzene-d5	7.475	82	2580169	115.546	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	648897	117.862	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3790368	95.776	ng	0.00
79) Terphenyl-d14	13.022	244	3473179	121.314	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	516569	56.667	ng	91
3) Pyridine	3.487	79	1402545	60.786	ng	93
4) n-Nitrosodimethylamine	3.457	42	643181	56.085	ng	91
6) Aniline	6.575	93	1734723	59.301	ng	100
8) 2-Chlorophenol	6.693	128	1143524	56.150	ng	97
9) Benzaldehyde	6.457	77	959292	68.550	ng	97
10) Phenol	6.546	94	1441521m	53.957	ng	
11) bis(2-Chloroethyl)ether	6.640	93	1159841	57.653	ng	96
12) 1,3-Dichlorobenzene	6.846	146	1215257	55.879	ng	97
13) 1,4-Dichlorobenzene	6.922	146	1225468	56.021	ng	99
14) 1,2-Dichlorobenzene	7.075	146	1105399	52.749	ng	98
15) Benzyl Alcohol	7.045	79	999099	57.622	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1836064	56.395	ng	95
17) 2-Methylphenol	7.151	107	959573	57.339	ng	99
18) Hexachloroethane	7.416	117	468402	56.729	ng	92
19) n-Nitroso-di-n-propyla...	7.322	70	824038	57.265	ng	96
20) 3+4-Methylphenols	7.310	107	1154740	55.731	ng	91
22) Acetophenone	7.316	105	1515678	55.313	ng	99
24) Nitrobenzene	7.493	77	1225141	57.795	ng	93
25) Isophorone	7.728	82	2195843	59.574	ng	99
26) 2-Nitrophenol	7.804	139	641111	63.734	ng	90
27) 2,4-Dimethylphenol	7.834	122	984843	60.509	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	1425492	58.671	ng	100
29) 2,4-Dichlorophenol	8.040	162	969042	59.952	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	963932	56.932	ng	97
31) Naphthalene	8.210	128	3105923	55.550	ng	98
32) Benzoic acid	7.975	122	853647	66.829	ng	100
33) 4-Chloroaniline	8.257	127	1323842	57.812	ng	99
34) Hexachlorobutadiene	8.322	225	538863	57.318	ng	100
35) Caprolactam	8.651	113	334623m	62.365	ng	
36) 4-Chloro-3-methylphenol	8.739	107	1048205	59.246	ng	94
37) 2-Methylnaphthalene	8.898	142	2036300	56.705	ng	98
38) 1-Methylnaphthalene	8.998	142	1977132	56.835	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	856202	55.160	ng	98
41) Hexachlorocyclopentadiene	9.051	237	473275	61.500	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	652457	56.495	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.216	196	691032	58.784	ng	#	92
46)	1,1'-Biphenyl	9.363	154	2381790	53.956	ng		97
47)	2-Chloronaphthalene	9.392	162	1885713	54.464	ng		98
48)	2-Nitroaniline	9.486	65	690667	58.945	ng		96
49)	Acenaphthylene	9.810	152	2831573	54.908	ng		99
50)	Dimethylphthalate	9.669	163	2253880	57.385	ng		99
51)	2,6-Dinitrotoluene	9.728	165	510315	60.340	ng		89
52)	Acenaphthene	9.981	154	1891030	56.587	ng		98
53)	3-Nitroaniline	9.904	138	607118	59.095	ng	#	94
54)	2,4-Dinitrophenol	10.004	184	311794	68.419	ng		95
55)	Dibenzofuran	10.151	168	2619451	55.198	ng		93
56)	4-Nitrophenol	10.057	139	491112	60.410	ng		99
57)	2,4-Dinitrotoluene	10.134	165	669139	60.798	ng		98
58)	Fluorene	10.492	166	1972798	54.599	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.269	232	539178	60.231	ng		92
60)	Diethylphthalate	10.363	149	2127867	56.264	ng		99
61)	4-Chlorophenyl-phenyle...	10.481	204	919045	55.801	ng	#	88
62)	4-Nitroaniline	10.522	138	613866	60.589	ng		93
63)	Azobenzene	10.645	77	2292694	55.851	ng		96
65)	4,6-Dinitro-2-methylph...	10.545	198	402156	65.780	ng		94
66)	n-Nitrosodiphenylamine	10.604	169	1788446	57.133	ng		96
67)	4-Bromophenyl-phenylether	10.975	248	589096	58.508	ng		94
68)	Hexachlorobenzene	11.039	284	624631	58.576	ng		94
69)	Atrazine	11.128	200	484609	57.609	ng		96
70)	Pentachlorophenol	11.233	266	391688	63.598	ng		99
71)	Phenanthrene	11.457	178	2768701	55.674	ng		98
72)	Anthracene	11.510	178	2747390	55.627	ng		98
73)	Carbazole	11.663	167	2792514	55.806	ng		99
74)	Di-n-butylphthalate	11.986	149	3111079	57.317	ng		98
75)	Fluoranthene	12.651	202	2741258	54.097	ng		98
77)	Benzidine	12.769	184	1002005	80.303	ng		100
78)	Pyrene	12.880	202	2767205	62.790	ng		99
80)	Butylbenzylphthalate	13.486	149	1278490	67.496	ng		97
81)	Benzo(a)anthracene	14.063	228	2106500	58.082	ng		99
82)	3,3'-Dichlorobenzidine	14.027	252	533046	62.270	ng	#	96
83)	Chrysene	14.104	228	2014817	58.696	ng		98
84)	Bis(2-ethylhexyl)phtha...	14.039	149	1644982	66.043	ng		99
85)	Di-n-octyl phthalate	14.657	149	2342954	61.166	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.080	276	2031926	65.162	ng		97
88)	Benzo(b)fluoranthene	15.127	252	1800440	58.085	ng	#	98
89)	Benzo(k)fluoranthene	15.157	252	1775116m	59.195	ng		
90)	Benzo(a)pyrene	15.504	252	1511248	59.421	ng		97
91)	Dibenzo(a,h)anthracene	17.104	278	1623220	64.918	ng		98
92)	Benzo(g,h,i)perylene	17.545	276	1727539	67.064	ng		96

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

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