Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041323\
Data File : BF132879.D
Acq On : 13 Apr 2023 15:55
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 14 05:07:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 14 04:50:54 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	320600	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	1157481	20.000	ng		0.00
39) Acenaphthene-d10	9.810	164	536678	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	914249	20.000	ng		0.00
76) Chrysene-d12	13.927	240	550640	20.000	ng	#	0.00
86) Perylene-d12	15.345	264	488415	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2256356	108.742	ng		0.00
7) Phenol-d6	6.410	99	2833227	108.286	ng		0.01
23) Nitrobenzene-d5	7.345	82	2526796	114.311	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	649943	123.594	ng		0.00
45) 2-Fluorobiphenyl	9.140	172	3698217	103.019	ng		0.00
79) Terphenyl-d14	12.880	244	3992825	119.327	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.475	88	584796	56.999	ng		99
3) Pyridine	3.193	79	1611286	58.411	ng		99
4) n-Nitrosodimethylamine	3.163	42	770457	58.080	ng		100
6) Aniline	6.446	93	1928542	56.575	ng		99
8) 2-Chlorophenol	6.557	128	1145133	54.805	ng		98
9) Benzaldehyde	6.322	77	763980	48.965	ng		99
10) Phenol	6.422	94	1560867	53.312	ng		90
11) bis(2-Chloroethyl)ether	6.516	93	1203593	54.598	ng		98
12) 1,3-Dichlorobenzene	6.716	146	1228065	53.945	ng		98
13) 1,4-Dichlorobenzene	6.793	146	1236736	54.417	ng		98
14) 1,2-Dichlorobenzene	6.946	146	1103450	52.300	ng		97
15) Benzyl Alcohol	6.922	79	995983	56.810	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.057	45	2030034	54.611	ng		99
17) 2-Methylphenol	7.022	107	1041181	55.715	ng		99
18) Hexachloroethane	7.287	117	441811	55.432	ng		99
19) n-Nitroso-di-n-propyla...	7.198	70	866621	55.467	ng		99
20) 3+4-Methylphenols	7.187	107	1124122	50.972	ng		98
22) Acetophenone	7.187	105	1426541	53.224	ng	#	88
24) Nitrobenzene	7.363	77	1277309	56.703	ng		99
25) Isophorone	7.604	82	2347287	58.294	ng		98
26) 2-Nitrophenol	7.675	139	561943	64.538	ng		96
27) 2,4-Dimethylphenol	7.716	122	968899	56.385	ng		100
28) bis(2-Chloroethoxy)met...	7.810	93	1393328	56.951	ng		99
29) 2,4-Dichlorophenol	7.916	162	918568	57.062	ng		99
30) 1,2,4-Trichlorobenzene	7.998	180	979010	56.513	ng		98
31) Naphthalene	8.081	128	3115554	53.780	ng		99
32) Benzoic acid	7.857	122	599113m	70.703	ng		
33) 4-Chloroaniline	8.128	127	1308439	55.628	ng		98
34) Hexachlorobutadiene	8.198	225	562699	56.780	ng		99
35) Caprolactam	8.522	113	290477	63.140	ng		100
36) 4-Chloro-3-methylphenol	8.610	107	952091	57.975	ng		96
37) 2-Methylnaphthalene	8.769	142	2073905	53.425	ng		100
38) 1-Methylnaphthalene	8.869	142	1945777	53.731	ng		99
40) 1,2,4,5-Tetrachloroben...	8.940	216	903398	56.762	ng		99
41) Hexachlorocyclopentadiene	8.928	237	528620	64.533	ng		97
43) 2,4,6-Trichlorophenol	9.045	196	581877	59.207	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.081	196	667909	58.277	ng	98
46)	1,1'-Biphenyl	9.234	154	2364641	53.943	ng	99
47)	2-Chloronaphthalene	9.257	162	1780614	55.470	ng	98
48)	2-Nitroaniline	9.351	65	603562	65.339	ng	97
49)	Acenaphthylene	9.675	152	2795358	54.764	ng	99
50)	Dimethylphthalate	9.539	163	2068965	57.068	ng	100
51)	2,6-Dinitrotoluene	9.598	165	487332	61.416	ng	97
52)	Acenaphthene	9.845	154	1853895	55.928	ng	99
53)	3-Nitroaniline	9.763	138	576702	62.571	ng	100
54)	2,4-Dinitrophenol	9.863	184	225159	68.861	ng	99
55)	Dibenzofuran	10.016	168	2528818	54.660	ng	100
56)	4-Nitrophenol	9.916	139	441650	63.138	ng	91
57)	2,4-Dinitrotoluene	9.998	165	619616	63.104	ng	98
58)	Fluorene	10.357	166	1796166	53.036	ng	99
59)	2,3,4,6-Tetrachlorophenol	10.134	232	533945	60.568	ng	98
60)	Diethylphthalate	10.239	149	1950136	58.493	ng	99
61)	4-Chlorophenyl-phenyle...	10.351	204	901819	54.322	ng	95
62)	4-Nitroaniline	10.381	138	555521	63.958	ng	99
63)	Azobenzene	10.510	77	2127779	55.918	ng	97
65)	4,6-Dinitro-2-methylph...	10.404	198	300362	67.434	ng	95
66)	n-Nitrosodiphenylamine	10.475	169	1697138	56.075	ng	99
67)	4-Bromophenyl-phenylether	10.839	248	606263	58.508	ng	94
68)	Hexachlorobenzene	10.904	284	625646	58.438	ng	95
69)	Atrazine	10.998	200	492727	60.217	ng	98
70)	Pentachlorophenol	11.092	266	448968	63.799	ng	97
71)	Phenanthrene	11.316	178	2768762	55.281	ng	99
72)	Anthracene	11.369	178	2831492	55.496	ng	100
73)	Carbazole	11.522	167	2518689	56.156	ng	100
74)	Di-n-butylphthalate	11.857	149	2784350	61.940	ng	99
75)	Fluoranthene	12.498	202	2834964	57.078	ng	98
77)	Benzidine	12.622	184	557179	67.867	ng	98
78)	Pyrene	12.727	202	2891396	60.896	ng	98
80)	Butylbenzylphthalate	13.351	149	677837	61.340	ng	97
81)	Benzo(a)anthracene	13.910	228	2263234	59.129	ng	99
82)	3,3'-Dichlorobenzidine	13.880	252	550945	67.271	ng	98
83)	Chrysene	13.951	228	2183909	58.560	ng	100
84)	Bis(2-ethylhexyl)phtha...	13.916	149	854609	60.783	ng	100
85)	Di-n-octyl phthalate	14.527	149	1351057	60.918	ng	99
87)	Indeno(1,2,3-cd)pyrene	16.751	276	2010723	69.581	ng	99
88)	Benzo(b)fluoranthene	14.939	252	1862772	59.326	ng	99
89)	Benzo(k)fluoranthene	14.974	252	1750360	54.546	ng	99
90)	Benzo(a)pyrene	15.292	252	1714743	60.460	ng	98
91)	Dibenzo(a,h)anthracene	16.774	278	1654915	68.639	ng	98
92)	Benzo(g,h,i)perylene	17.180	276	1684144	69.934	ng	99

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

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