Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041323\
Data File : BF132878.D
Acq On : 13 Apr 2023 15:18
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 14 05:06:10 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 :
SSTDICC050

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	321425	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	1156731	20.000	ng		0.00
39) Acenaphthene-d10	9.810	164	543465	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	941010	20.000	ng		0.00
76) Chrysene-d12	13.921	240	591356	20.000	ng		0.00
86) Perylene-d12	15.345	264	485098	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1875654	90.163	ng		0.00
7) Phenol-d6	6.404	99	2354801	89.770	ng		0.00
23) Nitrobenzene-d5	7.339	82	2085099	94.390	ng		0.00
42) 2,4,6-Tribromophenol	10.598	330	532983	100.087	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	3161444	86.967	ng		0.00
79) Terphenyl-d14	12.874	244	3404705	94.745	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	474638	46.143	ng		99
3) Pyridine	3.187	79	1296148	46.866	ng		100
4) n-Nitrosodimethylamine	3.151	42	626129	47.079	ng		99
6) Aniline	6.439	93	1570666	45.958	ng		100
8) 2-Chlorophenol	6.557	128	941701	44.953	ng		97
9) Benzaldehyde	6.316	77	651182	41.629	ng		99
10) Phenol	6.416	94	1318103	44.905	ng		95
11) bis(2-Chloroethyl)ether	6.510	93	1003709	45.414	ng		100
12) 1,3-Dichlorobenzene	6.710	146	1024060	44.868	ng		99
13) 1,4-Dichlorobenzene	6.787	146	1030906	45.244	ng		99
14) 1,2-Dichlorobenzene	6.945	146	934181	44.164	ng		98
15) Benzyl Alcohol	6.916	79	817419	46.505	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.051	45	1673876	44.914	ng		99
17) 2-Methylphenol	7.022	107	846339	45.173	ng		99
18) Hexachloroethane	7.287	117	366990	45.926	ng		100
19) n-Nitroso-di-n-propyla...	7.198	70	703248	44.895	ng		99
20) 3+4-Methylphenols	7.181	107	953464	43.123	ng		92
22) Acetophenone	7.186	105	1188586	44.375	ng	#	91
24) Nitrobenzene	7.357	77	1051309	46.701	ng		99
25) Isophorone	7.598	82	1899692	47.209	ng		99
26) 2-Nitrophenol	7.669	139	448535	51.546	ng		98
27) 2,4-Dimethylphenol	7.710	122	812817	47.332	ng		99
28) bis(2-Chloroethoxy)met...	7.810	93	1125243	46.023	ng		98
29) 2,4-Dichlorophenol	7.910	162	762236	47.381	ng		99
30) 1,2,4-Trichlorobenzene	7.998	180	810488	46.815	ng		97
31) Naphthalene	8.081	128	2605057	44.997	ng		100
32) Benzoic acid	7.839	122	442503m	52.255	ng		
33) 4-Chloroaniline	8.128	127	1084416	46.134	ng		97
34) Hexachlorobutadiene	8.198	225	460846	46.532	ng		99
35) Caprolactam	8.510	113	228692	49.742	ng		93
36) 4-Chloro-3-methylphenol	8.604	107	780549	47.560	ng		100
37) 2-Methylnaphthalene	8.769	142	1750938	45.134	ng		100
38) 1-Methylnaphthalene	8.869	142	1616795	44.676	ng		99
40) 1,2,4,5-Tetrachloroben...	8.933	216	740277	45.932	ng		100
41) Hexachlorocyclopentadiene	8.922	237	421474	50.810	ng		97
43) 2,4,6-Trichlorophenol	9.045	196	479472	48.178	ng		96

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44) 2,4,5-Trichlorophenol	9.081	196	553602	47.700	ng		97
46) 1,1'-Biphenyl	9.233	154	2008795	45.253	ng		99
47) 2-Chloronaphthalene	9.257	162	1493918	45.957	ng		98
48) 2-Nitroaniline	9.351	65	491269	52.519	ng		89
49) Acenaphthylene	9.669	152	2350818	45.480	ng		98
50) Dimethylphthalate	9.539	163	1730693	47.141	ng		99
51) 2,6-Dinitrotoluene	9.592	165	394288	49.070	ng		92
52) Acenaphthene	9.845	154	1537743	45.811	ng		99
53) 3-Nitroaniline	9.763	138	461836	49.483	ng		96
54) 2,4-Dinitrophenol	9.863	184	175091	52.880	ng	#	87
55) Dibenzofuran	10.016	168	2133701	45.544	ng		98
56) 4-Nitrophenol	9.910	139	353523	49.908	ng		95
57) 2,4-Dinitrotoluene	9.992	165	517783	52.074	ng		93
58) Fluorene	10.357	166	1522369	44.390	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	430416	48.214	ng		100
60) Diethylphthalate	10.233	149	1599840	47.387	ng		99
61) 4-Chlorophenyl-phenyle...	10.351	204	757441	45.056	ng		93
62) 4-Nitroaniline	10.375	138	445703	50.674	ng		98
63) Azobenzene	10.510	77	1772398	45.997	ng		99
65) 4,6-Dinitro-2-methylph...	10.404	198	239928	52.334	ng		85
66) n-Nitrosodiphenylamine	10.469	169	1422881	45.676	ng		99
67) 4-Bromophenyl-phenylether	10.839	248	498096	46.702	ng		97
68) Hexachlorobenzene	10.904	284	512391	46.498	ng		97
69) Atrazine	10.998	200	412391	48.966	ng		99
70) Pentachlorophenol	11.092	266	361574	49.919	ng		98
71) Phenanthrene	11.316	178	2311179	44.833	ng		100
72) Anthracene	11.363	178	2393000	45.568	ng		100
73) Carbazole	11.516	167	2102855	45.551	ng		100
74) Di-n-butylphthalate	11.857	149	2279995	49.278	ng		100
75) Fluoranthene	12.498	202	2349002	45.949	ng		98
77) Benzidine	12.621	184	532263	60.369	ng		99
78) Pyrene	12.727	202	2416765	47.395	ng		98
80) Butylbenzylphthalate	13.351	149	534792	46.690	ng		99
81) Benzo(a)anthracene	13.910	228	1934838	47.069	ng		99
82) 3,3'-Dichlorobenzidine	13.880	252	466832	53.076	ng	#	97
83) Chrysene	13.951	228	1878553	46.904	ng		100
84) Bis(2-ethylhexyl)phtha...	13.915	149	704459	47.519	ng		99
85) Di-n-octyl phthalate	14.527	149	1055653	48.102	ng		99
87) Indeno(1,2,3-cd)pyrene	16.745	276	1566783	54.589	ng		100
88) Benzo(b)fluoranthene	14.939	252	1553973	49.830	ng		99
89) Benzo(k)fluoranthene	14.974	252	1434633	45.013	ng		98
90) Benzo(a)pyrene	15.292	252	1396432	49.573	ng		99
91) Dibenzo(a,h)anthracene	16.768	278	1299822	54.280	ng		97
92) Benzo(g,h,i)perylene	17.174	276	1303804	54.510	ng		99

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

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