Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041521\
Data File : BF123566.D
Acq On : 15 Apr 2021 13:27
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Apr 15 13:50:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 15 13:22:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	241870	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	859048	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	454219	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	846328	20.00	ng		0.00
76) Chrysene-d12	14.057	240	607830	20.00	ng		0.00
86) Perylene-d12	15.539	264	457990	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1358749	95.93	ng		0.00
7) Phenol-d6	6.504	99	1887391	97.76	ng		0.00
23) Nitrobenzene-d5	7.439	82	1809666	105.21	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	510631	115.14	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	2737044	98.00	ng		0.00
79) Terphenyl-d14	12.998	244	3092681	88.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.616	88	367358	31.84	ng		97
3) Pyridine	3.369	79	886276	26.67	ng		98
4) n-Nitrosodimethylamine	3.328	42	524815	40.90	ng		100
6) Aniline	6.534	93	1128516	46.84	ng		99
8) 2-Chlorophenol	6.657	128	737079	48.56	ng		97
9) Benzaldehyde	6.422	77	502130	41.00	ng		98
10) Phenol	6.516	94	1031230	50.24	ng		98
11) bis(2-Chloroethyl)ether	6.610	93	745851	45.72	ng		97
12) 1,3-Dichlorobenzene	6.816	146	743583	45.14	ng		96
13) 1,4-Dichlorobenzene	6.892	146	756914	45.48	ng		97
14) 1,2-Dichlorobenzene	7.045	146	710970	45.70	ng		98
15) Benzyl Alcohol	7.016	79	787390	52.96	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1700935	54.99	ng		99
17) 2-Methylphenol	7.122	107	644391	50.04	ng		98
18) Hexachloroethane	7.386	117	313266	47.42	ng		96
19) n-Nitroso-di-n-propyla...	7.292	70	627770	48.87	ng		98
20) 3+4-Methylphenols	7.281	107	805809	51.11	ng	#	86
22) Acetophenone	7.286	105	1130473	50.82	ng	#	93
24) Nitrobenzene	7.457	77	947440	50.91	ng		95
25) Isophorone	7.698	82	1736804	50.13	ng		99
26) 2-Nitrophenol	7.769	139	369362	47.18	ng		95
27) 2,4-Dimethylphenol	7.810	122	588018	48.24	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	874457	47.14	ng		99
29) 2,4-Dichlorophenol	8.016	162	588517	45.48	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	615314	41.84	ng		100
31) Naphthalene	8.181	128	2078360	48.79	ng		100
32) Benzoic acid	7.939	122	387519	48.03	ng		90
33) 4-Chloroaniline	8.228	127	872550	49.28	ng		98
34) Hexachlorobutadiene	8.298	225	384685	41.03	ng		98
35) Caprolactam	8.610	113	210236	50.51	ng		96
36) 4-Chloro-3-methylphenol	8.710	107	769298	54.33	ng		94
37) 2-Methylnaphthalene	8.875	142	1366130	46.41	ng		99
38) 1-Methylnaphthalene	8.975	142	1281036	46.29	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	592204	45.52	ng		99
41) Hexachlorocyclopentadiene	9.028	237	338223	51.80	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	416844	46.46	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	441314	45.64	ng		98
46) 1,1'-Biphenyl	9.339	154	1646662	53.02	ng		98
47) 2-Chloronaphthalene	9.363	162	1242741	49.46	ng		98
48) 2-Nitroaniline	9.457	65	551659	62.33	ng		93
49) Acenaphthylene	9.780	152	2020795	53.22	ng		98
50) Dimethylphthalate	9.645	163	1450749	47.69	ng		100
51) 2,6-Dinitrotoluene	9.704	165	342645	50.03	ng	#	82
52) Acenaphthene	9.957	154	1329358	54.37	ng		98
53) 3-Nitroaniline	9.869	138	378627	54.08	ng		90
54) 2,4-Dinitrophenol	9.975	184	163920	59.74	ng		88
55) Dibenzofuran	10.127	168	1846230	51.76	ng		100
56) 4-Nitrophenol	10.027	139	312675	59.92	ng		94
57) 2,4-Dinitrotoluene	10.104	165	455650	51.44	ng		87
58) Fluorene	10.469	166	1422849	52.11	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	371718	49.72	ng		99
60) Diethylphthalate	10.345	149	1594857	53.02	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	674339	47.15	ng		95
62) 4-Nitroaniline	10.486	138	390520	59.55	ng		94
63) Azobenzene	10.622	77	1819851	55.70	ng		97
65) 4,6-Dinitro-2-methylph...	10.516	198	223905	51.73	ng		95
66) n-Nitrosodiphenylamine	10.580	169	1283063	52.81	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	426223	49.13	ng		98
68) Hexachlorobenzene	11.022	284	478999	50.71	ng	#	91
69) Atrazine	11.110	200	395533	48.00	ng		96
70) Pentachlorophenol	11.210	266	282781	57.08	ng		98
71) Phenanthrene	11.433	178	2031304	48.91	ng		99
72) Anthracene	11.486	178	2037093	49.08	ng		99
73) Carbazole	11.639	167	2035040	51.41	ng		98
74) Di-n-butylphthalate	11.974	149	2498752	47.32	ng		99
75) Fluoranthene	12.627	202	2230304	50.28	ng		99
77) Benzidine	12.745	184	907766	55.48	ng		99
78) Pyrene	12.857	202	2261470	46.74	ng		99
80) Butylbenzylphthalate	13.474	149	1041459	47.31	ng		99
81) Benzo(a)anthracene	14.045	228	1759085	46.33	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	547894	45.24	ng		96
83) Chrysene	14.086	228	1787959	47.03	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1331127	45.84	ng		99
85) Di-n-octyl phthalate	14.657	149	2116383	50.09	ng		98
87) Indeno(1,2,3-cd)pyrene	17.039	276	1222226	37.81	ng		99
88) Benzo(b)fluoranthene	15.109	252	1438478	46.54	ng		99
89) Benzo(k)fluoranthene	15.139	252	1442183	47.21	ng		99
90) Benzo(a)pyrene	15.480	252	1256457	46.20	ng		97
91) Dibenzo(a,h)anthracene	17.056	278	1047328	37.83	ng		98
92) Benzo(g,h,i)perylene	17.492	276	1047344	40.77	ng		95

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

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