Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118556.D
Acq On : 17 Jan 2020 12:30
Operator : JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
1/21/2020 7:58:22 AM

Quant Time: Jan 17 13:35:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 12:09:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	528977	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	1887637	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	1039528	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	1791744	20.00	ng		0.00
76) Chrysene-d12	14.06	240	1212252	20.00	ng		0.00
87) Perylene-d12	15.52	264	1085500	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	3081575	99.72	ng		0.00
7) Phenol-d6	6.53	99	4086614	109.92	ng		0.01
23) Nitrobenzene-d5	7.46	82	3786101	122.83	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	1318522	104.57	ng		0.01
45) 2-Fluorobiphenyl	9.26	172	5867264	91.04	ng		0.00
79) Terphenyl-d14	13.00	244	6355656	86.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	759266	60.404	ng		99
3) Pyridine	3.45	79	2125455	64.072	ng		98
4) n-Nitrosodimethylamine	3.41	42	984452	85.520	ng		98
6) Aniline	6.56	93	2816027	60.034	ng		100
8) 2-Chlorophenol	6.68	128	1814439	52.383	ng		100
9) Benzaldehyde	6.44	77	933578	53.920	ng		98
10) Phenol	6.54	94	2335954	55.881	ng		91
11) bis(2-Chloroethyl)ether	6.63	93	1820329	57.920	ng		98
12) 1,3-Dichlorobenzene	6.84	146	2121767	52.852	ng		98
13) 1,4-Dichlorobenzene	6.91	146	2126385	52.860	ng		99
14) 1,2-Dichlorobenzene	7.07	146	1966946	52.778	ng		98
15) Benzyl Alcohol	7.03	79	1700205	64.164	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	2676968	82.258	ng		98
17) 2-Methylphenol	7.14	107	1550444	57.365	ng		99
18) Hexachloroethane	7.41	117	808429	56.636	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	1481613	68.892	ng		98
20) 3+4-Methylphenols	7.30	107	1741858	49.504	ng	#	87
22) Acetophenone	7.31	105	2453762	56.033	ng		96
24) Nitrobenzene	7.48	77	1974029	64.428	ng		99
25) Isophorone	7.72	82	3732728	67.200	ng		99
26) 2-Nitrophenol	7.79	139	865569	48.147	ng		98
27) 2,4-Dimethylphenol	7.83	122	1513722	63.078	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	2367112	61.818	ng		98
29) 2,4-Dichlorophenol	8.03	162	1679008	60.146	ng		100
30) 1,2,4-Trichlorobenzene	8.12	180	1885200	59.331	ng		100
31) Naphthalene	8.20	128	4640617	49.005	ng		96
32) Benzoic acid	7.97	122	1102289	63.613	ng		98
33) 4-Chloroaniline	8.25	127	2199715	54.591	ng		99
34) Hexachlorobutadiene	8.32	225	1190683	63.785	ng		98
35) Caprolactam	8.64	113	505345m	58.741	ng		
36) 4-Chloro-3-methylphenol	8.73	107	1606064	55.744	ng		97
37) 2-Methylnaphthalene	8.89	142	3335039	52.683	ng		98
38) 1-Methylnaphthalene	8.99	142	3168366	52.783	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1853436	58.144	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1043449	216.591	ng		98
43) 2,4,6-Trichlorophenol	9.17	196	1256646	60.877	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	1280170	62.100	ng		99
46) 1,1'-Biphenyl	9.36	154	3922353	47.620	ng		96
47) 2-Chloronaphthalene	9.38	162	3416130	51.655	ng		95
48) 2-Nitroaniline	9.47	65	1065832	60.009	ng		99
49) Acenaphthylene	9.80	152	4662549	48.385	ng		96
50) Dimethylphthalate	9.66	163	3878519	50.550	ng		98
51) 2,6-Dinitrotoluene	9.72	165	884375	52.422	ng		97
52) Acenaphthene	9.97	154	3122973	52.674	ng		99
53) 3-Nitroaniline	9.89	138	975937	50.014	ng	#	94
54) 2,4-Dinitrophenol	9.99	184	316127	50.173	ng	#	1
55) Dibenzofuran	10.14	168	4309335	50.092	ng		93
56) 4-Nitrophenol	10.03	139	713077	79.726	ng		95
57) 2,4-Dinitrotoluene	10.12	165	1103870	51.190	ng		99
58) Fluorene	10.49	166	3210616	45.943	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	1073872	63.702	ng		98
60) Diethylphthalate	10.36	149	3732693	48.825	ng		96
61) 4-Chlorophenyl-phenylether	10.47	204	1812429	51.550	ng		98
62) 4-Nitroaniline	10.50	138	943164	48.947	ng		98
63) Azobenzene	10.63	77	3612265	57.045	ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	456306	48.264	ng		83
66) n-Nitrosodiphenylamine	10.59	169	3202015	54.431	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	1370287	63.442	ng		95
68) Hexachlorobenzene	11.03	284	1513096	59.083	ng		98
69) Atrazine	11.12	200	812011	57.560	ng		99
70) Pentachlorophenol	11.22	266	807795	114.293	ng		99
71) Phenanthrene	11.45	178	4721025	48.947	ng		96
72) Anthracene	11.50	178	4703859	48.931	ng		96
73) Carbazole	11.64	167	4311072	50.197	ng		96
74) Di-n-butylphthalate	11.98	149	5057110	45.527	ng		97
75) Fluoranthene	12.63	202	4897969	50.834	ng		98
77) Benzidine	12.74	184	1031477	38.122	ng		98
78) Pyrene	12.86	202	4829405	47.147	ng		97
80) Butylbenzylphthalate	13.47	149	2307875	50.332	ng		96
81) Benzo(a)anthracene	14.04	228	4043017	48.115	ng		96
82) 3,3'-Dichlorobenzidine	14.00	252	1433618	50.249	ng		99
83) Chrysene	14.09	228	3901790	48.446	ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	2746406	44.832	ng	#	96
85) Di-n-octyl phthalate	14.65	149	4221114	46.051	ng		99
86) Indeno(1,2,3-cd)pyrene	17.01	276	4035150	53.317	ng		100
88) Benzo(b)fluoranthene	15.10	252	3833266	55.101	ng		99
89) Benzo(k)fluoranthene	15.13	252	3580955	56.826	ng		97
90) Benzo(a)pyrene	15.47	252	3438779	55.470	ng		99
91) Dibenzo(a,h)anthracene	17.03	278	3273567	58.155	ng		99
92) Benzo(g,h,i)perylene	17.46	276	3167721	57.845	ng		98

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

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