Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119839.D
Acq On : 8 Apr 2020 21:57
Operator : MA/SJ
Sample : SSTDICC100
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
4/10/2020 9:57:08 AM

Quant Time: Apr 09 01:17:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 21:57:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	213342	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	717637	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	413634	20.00	ng		0.00
64) Phenanthrene-d10	11.30	188	688765	20.00	ng		0.00
76) Chrysene-d12	13.95	240	452551	20.00	ng		0.01
87) Perylene-d12	15.38	264	384481	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	2135724	159.36	ng		0.00
7) Phenol-d6	6.43	99	2586943	151.11	ng		0.02
23) Nitrobenzene-d5	7.36	82	2530120	191.61	ng		0.02
42) 2,4,6-Tribromophenol	10.62	330	773902	181.36	ng		0.01
45) 2-Fluorobiphenyl	9.15	172	4235786	151.71	ng		0.00
79) Terphenyl-d14	12.90	244	4421474	191.42	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	485944	73.417	ng		97
3) Pyridine	3.17	79	1335197	73.222	ng		97
4) n-Nitrosodimethylamine	3.15	42	687537	77.317	ng		99
6) Aniline	6.45	93	1700099	71.953	ng		98
8) 2-Chlorophenol	6.57	128	1157596	82.242	ng		95
10) Phenol	6.44	94	1479763	81.007	ng		92
11) bis(2-Chloroethyl)ether	6.52	93	1143426	78.264	ng		99
12) 1,3-Dichlorobenzene	6.72	146	1281182	84.100	ng		99
13) 1,4-Dichlorobenzene	6.79	146	1264768	83.002	ng		99
14) 1,2-Dichlorobenzene	6.95	146	1134704	79.668	ng		99
15) Benzyl Alcohol	6.93	79	1002978	77.884	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	2180730	74.001	ng		95
17) 2-Methylphenol	7.03	107	1060463	82.229	ng		94
18) Hexachloroethane	7.29	117	482634	86.429	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	875284	84.824	ng		98
20) 3+4-Methylphenols	7.20	107	1190114	75.299	ng		93
22) Acetophenone	7.20	105	1513216	88.246	ng	#	95
24) Nitrobenzene	7.37	77	1265275	89.663	ng		98
25) Isophorone	7.62	82	2489427	92.938	ng		100
26) 2-Nitrophenol	7.68	139	644667	116.026	ng		99
27) 2,4-Dimethylphenol	7.73	122	975705	84.926	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	1464818	92.480	ng		99
29) 2,4-Dichlorophenol	7.93	162	958166	90.766	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	1074760	92.061	ng		99
31) Naphthalene	8.09	128	3310432	89.640	ng		98
32) Benzoic acid	7.90	122	904819	122.433	ng		98
33) 4-Chloroaniline	8.14	127	1457140	86.108	ng		99
34) Hexachlorobutadiene	8.20	225	644087	98.606	ng		97
35) Caprolactam	8.56	113	332343m	96.195	ng		
36) 4-Chloro-3-methylphenol	8.63	107	1091069	94.565	ng		94
37) 2-Methylnaphthalene	8.78	142	2287683	94.388	ng		99
38) 1-Methylnaphthalene	8.87	142	2130484	92.869	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	1016689	83.858	ng		99
41) Hexachlorocyclopentadiene	8.93	237	642791	93.258	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.06	196	725089	83.573	ng		100
44) 2,4,5-Trichlorophenol	9.10	196	786197	80.890	ng		99
46) 1,1'-Biphenyl	9.25	154	2688376	79.801	ng		96
47) 2-Chloronaphthalene	9.27	162	2127996	80.641	ng		95
48) 2-Nitroaniline	9.37	65	780820	85.726	ng		97
49) Acenaphthylene	9.69	152	3033583	73.205	ng		97
50) Dimethylphthalate	9.56	163	2578815	87.773	ng		99
51) 2,6-Dinitrotoluene	9.62	165	573576	91.079	ng		99
52) Acenaphthene	9.86	154	2279377m	88.232	ng		
53) 3-Nitroaniline	9.79	138	702330	88.337	ng		95
54) 2,4-Dinitrophenol	9.89	184	406615	176.126	ng		98
55) Dibenzofuran	10.03	168	2858507	77.175	ng		99
56) 4-Nitrophenol	9.95	139	519713	82.863	ng		98
57) 2,4-Dinitrotoluene	10.02	165	741544	93.473	ng	#	83
59) 2,3,4,6-Tetrachlorophenol	10.15	232	643359	88.555	ng		99
60) Diethylphthalate	10.26	149	2618704	87.818	ng		98
62) 4-Nitroaniline	10.42	138	592739	77.746	ng		98
63) Azobenzene	10.53	77	2285376	76.106	ng		98
65) 4,6-Dinitro-2-methylphenol	10.44	198	426221	147.574	ng		98
66) n-Nitrosodiphenylamine	10.49	169	1970752	87.159	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	727605	92.758	ng		96
68) Hexachlorobenzene	10.92	284	751854	93.650	ng		99
69) Atrazine	11.02	200	468675	75.607	ng		97
70) Pentachlorophenol	11.11	266	436835	92.797	ng		99
71) Phenanthrene	11.33	178	2977222	83.362	ng		97
72) Anthracene	11.39	178	2958114	81.496	ng		99
73) Carbazole	11.54	167	2924378	81.396	ng		97
74) Di-n-butylphthalate	11.87	149	3783466	98.443	ng		98
75) Fluoranthene	12.52	202	3282288	84.920	ng		97
78) Pyrene	12.75	202	3483220	93.785	ng		97
80) Butylbenzylphthalate	13.37	149	1636515	108.944	ng		97
81) Benzo(a)anthracene	13.94	228	2525575	85.820	ng		99
82) 3,3'-Dichlorobenzidine	13.90	252	882840	76.085	ng		97
83) Chrysene	13.98	228	2580289	84.957	ng		97
84) Bis(2-ethylhexyl)phthalate	13.93	149	2149493	120.036	ng		100
85) Di-n-octyl phthalate	14.54	149	3480928	110.529	ng		100
86) Indeno(1,2,3-cd)pyrene	16.81	276	2260945	79.043	ng	#	78
88) Benzo(b)fluoranthene	14.97	252	2632757	102.509	ng		99
89) Benzo(k)fluoranthene	15.01	252	1908798	78.051	ng		99
90) Benzo(a)pyrene	15.33	252	2075529	88.924	ng		100
91) Dibenzo(a,h)anthracene	16.84	278	1804396	88.385	ng		99
92) Benzo(g,h,i)perylene	17.25	276	1634375	79.688	ng		98

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

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