Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112715.D
Acq On : 27 Feb 2019 12:39
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
2/28/2019 12:46:54 PM

Quant Time: Feb 27 16:03:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 27 15:34:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	212976	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	848909	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	392208	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	756915	20.00	ng		0.00
76) Chrysene-d12	13.87	240	437727	20.00	ng		0.00
87) Perylene-d12	15.27	264	436588	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1496711	149.27	ng		0.00
7) Phenol-d6	6.38	99	1861396	133.60	ng		0.01
23) Nitrobenzene-d5	7.31	82	1667704	113.20	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	473550	103.73	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	2559683	92.30	ng		0.00
79) Terphenyl-d14	12.83	244	2599266	111.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	398830	99.850	ng		99
3) Pyridine	3.14	79	1117159	109.952	ng		99
4) n-Nitrosodimethylamine	3.08	42	488540	114.446	ng		99
6) Aniline	6.41	93	1310882	79.093	ng		100
8) 2-Chlorophenol	6.53	128	842850	62.486	ng		99
9) Benzaldehyde	6.29	77	679067	93.248	ng		97
10) Phenol	6.39	94	1109920	72.611	ng		91
11) bis(2-Chloroethyl)ether	6.48	93	854129	70.974	ng		99
12) 1,3-Dichlorobenzene	6.69	146	869470	55.349	ng		98
13) 1,4-Dichlorobenzene	6.76	146	866489	53.596	ng		98
14) 1,2-Dichlorobenzene	6.92	146	773539	51.104	ng		98
15) Benzyl Alcohol	6.89	79	729916	62.147	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1444785	93.504	ng		99
17) 2-Methylphenol	7.00	107	707151	66.134	ng		98
18) Hexachloroethane	7.26	117	340639	60.002	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	609972	63.491	ng		99
20) 3+4-Methylphenols	7.16	107	719160	52.595	ng	#	88
22) Acetophenone	7.16	105	1095650	53.004	ng		96
24) Nitrobenzene	7.33	77	912081	61.987	ng		98
25) Isophorone	7.57	82	1743166	75.420	ng		99
26) 2-Nitrophenol	7.64	139	423229	53.823	ng		93
27) 2,4-Dimethylphenol	7.68	122	689613	63.654	ng		99
28) bis(2-Chloroethoxy)methane	7.78	93	1064573	67.645	ng		99
29) 2,4-Dichlorophenol	7.88	162	679099	56.014	ng		100
30) 1,2,4-Trichlorobenzene	7.97	180	705456	50.621	ng		98
31) Naphthalene	8.05	128	2251354	56.711	ng		99
32) Benzoic acid	7.82	122	559719	90.572	ng		94
33) 4-Chloroaniline	8.09	127	990859	57.322	ng		97
34) Hexachlorobutadiene	8.17	225	403187	49.302	ng		98
35) Caprolactam	8.48	113	249448m	58.324	ng		
36) 4-Chloro-3-methylphenol	8.57	107	739724	57.636	ng		99
37) 2-Methylnaphthalene	8.74	142	1468132	54.021	ng		100
38) 1-Methylnaphthalene	8.83	142	1409799	54.122	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	617394	47.943	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	358451	93.764 ng		98
43) 2,4,6-Trichlorophenol	9.01	196	459546	57.893 ng		100
44) 2,4,5-Trichlorophenol	9.05	196	489852	59.046 ng		95
46) 1,1'-Biphenyl	9.20	154	1754897	51.181 ng		99
47) 2-Chloronaphthalene	9.22	162	1363020	51.262 ng		98
48) 2-Nitroaniline	9.32	65	482256	66.544 ng		96
49) Acenaphthylene	9.64	152	2264462	58.105 ng		99
50) Dimethylphthalate	9.50	163	1580798	51.876 ng		99
51) 2,6-Dinitrotoluene	9.56	165	370851	54.340 ng		98
52) Acenaphthene	9.81	154	1340772	57.591 ng		99
53) 3-Nitroaniline	9.73	138	447828	60.569 ng		99
54) 2,4-Dinitrophenol	9.82	184	142705	65.155 ng	#	78
55) Dibenzofuran	9.98	168	1915590	53.843 ng		100
56) 4-Nitrophenol	9.88	139	373637	95.584 ng		95
57) 2,4-Dinitrotoluene	9.96	165	486805	56.030 ng		98
58) Fluorene	10.32	166	1319363	49.557 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	410975	65.553 ng		99
60) Diethylphthalate	10.20	149	1684242	55.695 ng		99
61) 4-Chlorophenyl-phenylether	10.32	204	623110	43.026 ng		98
62) 4-Nitroaniline	10.34	138	418093	57.651 ng		99
63) Azobenzene	10.47	77	1703840	64.064 ng		97
65) 4,6-Dinitro-2-methylphenol	10.36	198	193645	45.631 ng		98
66) n-Nitrosodiphenylamine	10.43	169	1341466	52.586 ng		100
67) 4-Bromophenyl-phenylether	10.80	248	450553	50.610 ng		94
68) Hexachlorobenzene	10.87	284	499928	52.342 ng		95
69) Atrazine	10.96	200	411115	49.945 ng		98
70) Pentachlorophenol	11.05	266	313858	84.451 ng		98
71) Phenanthrene	11.27	178	2088404	53.071 ng		99
72) Anthracene	11.33	178	2075511	52.949 ng		99
73) Carbazole	11.47	167	2061081	53.305 ng		98
74) Di-n-butylphthalate	11.82	149	2437444	50.787 ng		98
75) Fluoranthene	12.46	202	2215871	52.501 ng		98
77) Benzidine	12.57	184	1365267	113.321 ng	#	95
78) Pyrene	12.68	202	2277537	75.152 ng		99
80) Butylbenzylphthalate	13.31	149	1046218	71.354 ng		93
81) Benzo(a)anthracene	13.86	228	1782057	69.255 ng		99
82) 3,3'-Dichlorobenzidine	13.83	252	686328	71.270 ng		98
83) Chrysene	13.90	228	1739134	70.805 ng		99
84) Bis(2-ethylhexyl)phthalate	13.87	149	1127301	54.163 ng		100
85) Di-n-octyl phthalate	14.48	149	2000057	62.459 ng		100
86) Indeno(1,2,3-cd)pyrene	16.63	276	1580126	81.187 ng		99
88) Benzo(b)fluoranthene	14.88	252	1638768	62.764 ng		98
89) Benzo(k)fluoranthene	14.91	252	1436307	57.430 ng		99
90) Benzo(a)pyrene	15.22	252	1434209	61.047 ng		99
91) Dibenzo(a,h)anthracene	16.65	278	1270623	67.106 ng		99
92) Benzo(g,h,i)perylene	17.04	276	1318927	73.832 ng		97

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

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