Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
Data File : BF114793.D
Acq On : 4 Jun 2019 15:33
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
6/5/2019 3:40:45 PM

Quant Time: Jun 04 16:54:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 14:52:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	371420	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1514772	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	734923	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1391756	20.00	ng		0.00
76) Chrysene-d12	13.80	240	661295	20.00	ng		0.00
87) Perylene-d12	15.18	264	994519	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	3187891	153.65	ng		0.00
7) Phenol-d6	6.32	99	3767126	149.33	ng		0.01
23) Nitrobenzene-d5	7.25	82	3726913	154.81	ng		0.01
42) 2,4,6-Tribromophenol	10.49	330	1193856	154.97	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	5676114	137.25	ng		0.00
79) Terphenyl-d14	12.76	244	5225001	156.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	804672	81.316	ng		99
3) Pyridine	2.96	79	2265729	83.191	ng		99
4) n-Nitrosodimethylamine	2.93	42	836872	84.271	ng		94
6) Aniline	6.34	93	2729466	76.410	ng		99
8) 2-Chlorophenol	6.46	128	1844370	77.263	ng		97
9) Benzaldehyde	6.21	77	1269081	72.092	ng		97
10) Phenol	6.33	94	2169692	75.324	ng		99
11) bis(2-Chloroethyl)ether	6.42	93	1754132	77.915	ng		98
12) 1,3-Dichlorobenzene	6.61	146	2137231	76.574	ng		97
13) 1,4-Dichlorobenzene	6.69	146	2122927	75.604	ng		97
14) 1,2-Dichlorobenzene	6.85	146	1841266	72.541	ng		97
15) Benzyl Alcohol	6.82	79	1430082	75.150	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	2499637	77.575	ng		98
17) 2-Methylphenol	6.93	107	1640974	80.343	ng		98
18) Hexachloroethane	7.19	117	832127	78.766	ng		97
19) n-Nitroso-di-n-propylamine	7.11	70	1330962	79.822	ng		98
20) 3+4-Methylphenols	7.10	107	1649299	73.212	ng	#	86
22) Acetophenone	7.09	105	2454584	75.195	ng		98
24) Nitrobenzene	7.26	77	1966589	79.085	ng		93
25) Isophorone	7.50	82	3773582	79.337	ng		100
26) 2-Nitrophenol	7.57	139	1095854	81.271	ng		91
27) 2,4-Dimethylphenol	7.62	122	1601290	78.001	ng		99
28) bis(2-Chloroethoxy)methane	7.72	93	2343352	76.919	ng		98
29) 2,4-Dichlorophenol	7.82	162	1686334	77.940	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	1882359	75.761	ng		100
31) Naphthalene	7.97	128	4749606	71.167	ng		95
32) Benzoic acid	7.79	122	1386145	93.816	ng		99
33) 4-Chloroaniline	8.03	127	2432972	76.625	ng		99
34) Hexachlorobutadiene	8.10	225	1060396	75.099	ng		99
35) Caprolactam	8.43	113	563801m	81.478	ng		
36) 4-Chloro-3-methylphenol	8.52	107	1691114	78.863	ng		98
37) 2-Methylnaphthalene	8.66	142	3364882	72.543	ng		98
38) 1-Methylnaphthalene	8.76	142	3203838	73.077	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	1529261	73.661	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	991466	78.646	ng		99
43) 2,4,6-Trichlorophenol	8.95	196	1287719	79.520	ng		99
44) 2,4,5-Trichlorophenol	8.98	196	1290373	80.166	ng		98
46) 1,1'-Biphenyl	9.13	154	3767799	70.380	ng		97
47) 2-Chloronaphthalene	9.15	162	3342684	73.892	ng		96
48) 2-Nitroaniline	9.25	65	1086776	80.688	ng		99
49) Acenaphthylene	9.57	152	4636317	70.784	ng		97
50) Dimethylphthalate	9.45	163	3963589	75.644	ng		98
51) 2,6-Dinitrotoluene	9.49	165	988250	80.454	ng		92
52) Acenaphthene	9.74	154	3205099	74.546	ng		99
53) 3-Nitroaniline	9.66	138	1154101	80.461	ng		98
54) 2,4-Dinitrophenol	9.76	184	516368	93.233	ng		93
55) Dibenzofuran	9.91	168	3992469	69.661	ng		94
56) 4-Nitrophenol	9.82	139	868475	82.991	ng		92
57) 2,4-Dinitrotoluene	9.89	165	1237425	79.794	ng	#	87
58) Fluorene	10.25	166	2820456	68.660	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	1041334	78.829	ng		98
60) Diethylphthalate	10.13	149	3991410	75.997	ng		98
62) 4-Nitroaniline	10.27	138	1132169	81.448	ng		99
63) Azobenzene	10.40	77	3281949	73.149	ng		97
65) 4,6-Dinitro-2-methylphenol	10.30	198	615698	87.296	ng		97
66) n-Nitrosodiphenylamine	10.36	169	3077055	74.706	ng		98
67) 4-Bromophenyl-phenylether	10.73	248	1163671	75.083	ng		99
68) Hexachlorobenzene	10.80	284	1273675	75.185	ng		100
69) Atrazine	10.89	200	1061520	73.950	ng		98
70) Pentachlorophenol	10.98	266	795334	81.266	ng		99
71) Phenanthrene	11.20	178	4564104	70.244	ng		97
72) Anthracene	11.25	178	4585279	69.575	ng		97
73) Carbazole	11.40	167	4183468	71.164	ng		97
74) Di-n-butylphthalate	11.75	149	5034811	68.007	ng		98
75) Fluoranthene	12.38	202	4587332	70.388	ng		96
77) Benzidine	12.50	184	2492995	77.261	ng	#	94
78) Pyrene	12.60	202	4632830	82.959	ng		97
80) Butylbenzylphthalate	13.23	149	2445802	86.824	ng		99
81) Benzo(a)anthracene	13.79	228	4128876	83.077	ng		98
82) 3,3'-Dichlorobenzidine	13.76	252	1700564	84.570	ng		98
83) Chrysene	13.83	228	4030687	83.767	ng		96
84) Bis(2-ethylhexyl)phthalate	13.80	149	2964320	83.438	ng		98
85) Di-n-octyl phthalate	14.42	149	5036593	83.120	ng		99
86) Indeno(1,2,3-cd)pyrene	16.50	276	5148348	94.388	ng		100
88) Benzo(b)fluoranthene	14.80	252	5033077	82.275	ng		99
89) Benzo(k)fluoranthene	14.83	252	3338571	65.505	ng		98
90) Benzo(a)pyrene	15.14	252	4108696	76.697	ng		98
91) Dibenzo(a,h)anthracene	16.53	278	3996485	79.291	ng		100
92) Benzo(g,h,i)perylene	16.91	276	4201093	83.296	ng		100

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

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