Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011619\
Data File : BF112071.D
Acq On : 16 Jan 2019 17:08
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
1/17/2019 2:07:57 PM

Quant Time: Jan 16 18:20:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 16:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	304880	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1096042	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	536768	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1018801	20.00	ng		0.00
76) Chrysene-d12	14.03	240	767595	20.00	ng		0.00
87) Perylene-d12	15.50	264	617219	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1847044	103.65	ng		0.00
7) Phenol-d6	6.52	99	2277033	99.14	ng		0.00
23) Nitrobenzene-d5	7.43	82	2042159	99.58	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	696345	99.74	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	3616038	98.23	ng		0.00
79) Terphenyl-d14	12.97	244	3868528	95.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	460340	59.077	ng		99
3) Pyridine	3.40	79	1205597	59.693	ng		100
4) n-Nitrosodimethylamine	3.36	42	477325	47.502	ng		99
6) Aniline	6.53	93	1360405	48.984	ng	#	81
8) 2-Chlorophenol	6.66	128	1086608	54.912	ng		95
9) Benzaldehyde	6.41	77	553558	38.531	ng		99
10) Phenol	6.53	94	1248330	50.005	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	1026588	53.156	ng		100
12) 1,3-Dichlorobenzene	6.81	146	1242430	54.160	ng		99
13) 1,4-Dichlorobenzene	6.88	146	1257203	54.006	ng		99
14) 1,2-Dichlorobenzene	7.04	146	1128818	50.728	ng		98
15) Benzyl Alcohol	7.01	79	876245	48.216	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	1408170	42.765	ng		89
17) 2-Methylphenol	7.13	107	822412	51.711	ng		97
18) Hexachloroethane	7.37	117	435601	53.594	ng		99
19) n-Nitroso-di-n-propylamine	7.29	70	698963	46.836	ng		99
20) 3+4-Methylphenols	7.28	107	961509	48.577	ng		98
22) Acetophenone	7.27	105	1400550	50.473	ng		98
24) Nitrobenzene	7.45	77	1066155	51.392	ng		98
25) Isophorone	7.69	82	1788210	53.848	ng		99
26) 2-Nitrophenol	7.76	139	540160	52.881	ng		96
27) 2,4-Dimethylphenol	7.81	122	829677	56.177	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	1204130	54.323	ng		100
29) 2,4-Dichlorophenol	8.02	162	923396	54.372	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	1041140	55.571	ng		100
31) Naphthalene	8.17	128	2777871	53.390	ng		99
32) Benzoic acid	7.95	122	447298m	46.670	ng		
33) 4-Chloroaniline	8.22	127	1254247	55.765	ng		99
34) Hexachlorobutadiene	8.29	225	574939	49.294	ng		99
35) Caprolactam	8.61	113	324938	58.561	ng		95
36) 4-Chloro-3-methylphenol	8.71	107	880280	52.132	ng		99
37) 2-Methylnaphthalene	8.86	142	1890746	58.646	ng		99
38) 1-Methylnaphthalene	8.96	142	1804791	58.365	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	986541	57.651	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	396972	40.121	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	636709	54.857	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	668107	54.940	ng		99
46) 1,1'-Biphenyl	9.33	154	2445182	54.459	ng		98
47) 2-Chloronaphthalene	9.35	162	1972286	55.969	ng		97
48) 2-Nitroaniline	9.45	65	527336	48.946	ng		89
49) Acenaphthylene	9.77	152	2822083	54.169	ng		98
50) Dimethylphthalate	9.63	163	2222976	55.130	ng		100
51) 2,6-Dinitrotoluene	9.69	165	506888	56.215	ng		98
52) Acenaphthene	9.94	154	1734940	51.656	ng		99
53) 3-Nitroaniline	9.86	138	560392	58.034	ng		95
54) 2,4-Dinitrophenol	9.97	184	133537	34.975	ng		93
55) Dibenzofuran	10.11	168	2622355	53.687	ng		96
56) 4-Nitrophenol	10.03	139	369724	54.188	ng		99
57) 2,4-Dinitrotoluene	10.10	165	625218	53.661	ng		96
58) Fluorene	10.46	166	1909496	53.725	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	514611	50.225	ng		98
60) Diethylphthalate	10.32	149	2116518	54.240	ng		98
61) 4-Chlorophenyl-phenylether	10.45	204	1051236	52.745	ng		99
62) 4-Nitroaniline	10.48	138	556832	60.796	ng		96
63) Azobenzene	10.60	77	2026133	54.353	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	271784	43.234	ng		95
66) n-Nitrosodiphenylamine	10.56	169	1912472	55.939	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	687165	52.075	ng		94
68) Hexachlorobenzene	11.01	284	725758	49.627	ng		98
69) Atrazine	11.09	200	601061	50.038	ng		99
70) Pentachlorophenol	11.20	266	364344	43.781	ng		98
71) Phenanthrene	11.42	178	2820979	51.790	ng		98
72) Anthracene	11.47	178	2841263	51.384	ng		97
73) Carbazole	11.62	167	2864571	53.259	ng		97
74) Di-n-butylphthalate	11.94	149	3134350	50.169	ng		98
75) Fluoranthene	12.60	202	2921567	52.247	ng		97
78) Pyrene	12.84	202	3001828	56.836	ng		98
80) Butylbenzylphthalate	13.44	149	1372072	61.449	ng		96
81) Benzo(a)anthracene	14.02	228	2479772	56.133	ng		98
82) 3,3'-Dichlorobenzidine	13.98	252	881140	54.028	ng	#	97
83) Chrysene	14.06	228	2354408	55.896	ng		98
84) Bis(2-ethylhexyl)phthalate	14.00	149	1859825	63.423	ng		99
85) Di-n-octyl phthalate	14.62	149	2724247	64.917	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	2068201	67.351	ng		99
88) Benzo(b)fluoranthene	15.07	252	2163078	58.586	ng		99
89) Benzo(k)fluoranthene	15.11	252	1933301	55.705	ng		99
90) Benzo(a)pyrene	15.44	252	1893569	58.328	ng		99
91) Dibenzo(a,h)anthracene	17.01	278	1695401	64.931	ng		98
92) Benzo(g,h,i)perylene	17.44	276	1734482	67.916	ng		99

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

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