Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
Data File : BF114404.D
Acq On : 18 May 2019 21:54
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/21/2019 7:18:20 PM

Quant Time: May 20 07:39:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	314981	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	1219895	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	582272	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	1098031	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	576948	20.00	ng		-0.02
87) Perylene-d12	15.46	264	636400	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1437475	73.44	ng		-0.01
7) Phenol-d6	6.49	99	1785142	77.11	ng		0.00
23) Nitrobenzene-d5	7.41	82	1740426	80.07	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	425684	70.71	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	2781737	72.27	ng		-0.02
79) Terphenyl-d14	12.94	244	2551408	91.16	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	360137	33.475	ng		99
3) Pyridine	3.33	79	1031806	34.809	ng		98
4) n-Nitrosodimethylamine	3.30	42	513490	35.923	ng		96
6) Aniline	6.51	93	1217225	36.400	ng	#	82
8) 2-Chlorophenol	6.63	128	833134	39.872	ng		95
9) Benzaldehyde	6.39	77	569838	35.161	ng		98
10) Phenol	6.50	94	998848	36.678	ng		80
11) bis(2-Chloroethyl)ether	6.57	93	846313	40.935	ng		98
12) 1,3-Dichlorobenzene	6.78	146	922493	39.330	ng		98
13) 1,4-Dichlorobenzene	6.86	146	925056	39.139	ng		97
14) 1,2-Dichlorobenzene	7.01	146	844836	39.125	ng		98
15) Benzyl Alcohol	6.99	79	672843	37.266	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1523369	38.002	ng		80
17) 2-Methylphenol	7.10	107	654267	38.117	ng	#	93
18) Hexachloroethane	7.35	117	349877	39.437	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	561365	38.257	ng		97
20) 3+4-Methylphenols	7.26	107	776990	39.179	ng	#	85
22) Acetophenone	7.25	105	1086675	40.211	ng	#	94
24) Nitrobenzene	7.43	77	898132	40.567	ng		96
25) Isophorone	7.66	82	1647365	40.863	ng		99
26) 2-Nitrophenol	7.74	139	456237	42.475	ng		97
27) 2,4-Dimethylphenol	7.78	122	626150	37.116	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	1061087	40.566	ng		100
29) 2,4-Dichlorophenol	7.99	162	678738	40.404	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	761326	39.855	ng		98
31) Naphthalene	8.15	128	2258329	39.631	ng		99
32) Benzoic acid	7.93	122	358826	32.488	ng		98
33) 4-Chloroaniline	8.19	127	1053204	40.560	ng		99
34) Hexachlorobutadiene	8.26	225	427649	39.346	ng		98
35) Caprolactam	8.58	113	243896m	44.526	ng		
36) 4-Chloro-3-methylphenol	8.69	107	712184	42.118	ng		98
37) 2-Methylnaphthalene	8.83	142	1500051	40.801	ng		98
38) 1-Methylnaphthalene	8.93	142	1429012	41.274	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	703425	39.881	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	119825	18.118	ng		100
43) 2,4,6-Trichlorophenol	9.12	196	475559	39.198	ng		99
44) 2,4,5-Trichlorophenol	9.16	196	480698	38.635	ng		97
46) 1,1'-Biphenyl	9.29	154	1826867	38.837	ng		99
47) 2-Chloronaphthalene	9.32	162	1456312	38.469	ng		99
48) 2-Nitroaniline	9.42	65	543372	40.472	ng		99
49) Acenaphthylene	9.73	152	2189696	38.030	ng		99
50) Dimethylphthalate	9.59	163	1751668	40.980	ng		99
51) 2,6-Dinitrotoluene	9.66	165	378341	39.907	ng		95
52) Acenaphthene	9.91	154	1327633	37.575	ng		99
53) 3-Nitroaniline	9.83	138	484567	41.174	ng		99
54) 2,4-Dinitrophenol	9.95	184	95198	25.031	ng		93
55) Dibenzofuran	10.08	168	1869289	36.080	ng		98
56) 4-Nitrophenol	10.01	139	244675	29.398	ng		92
57) 2,4-Dinitrotoluene	10.07	165	466249	36.233	ng	#	82
58) Fluorene	10.42	166	1521992	38.032	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	386930	36.042	ng		98
60) Diethylphthalate	10.29	149	1690847	38.932	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	752375	38.279	ng		99
62) 4-Nitroaniline	10.45	138	482654	39.028	ng		98
63) Azobenzene	10.57	77	1622413	38.593	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	176939	33.535	ng		94
66) n-Nitrosodiphenylamine	10.53	169	1378203	41.356	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	494444	40.898	ng		100
68) Hexachlorobenzene	10.97	284	527591	39.447	ng		99
69) Atrazine	11.06	200	402077	38.770	ng		97
70) Pentachlorophenol	11.17	266	243810	38.455	ng		99
71) Phenanthrene	11.39	178	2114583	39.584	ng		100
72) Anthracene	11.43	178	2124546	39.595	ng		99
73) Carbazole	11.59	167	1998865	39.066	ng		100
74) Di-n-butylphthalate	11.91	149	2590700	43.949	ng		98
75) Fluoranthene	12.57	202	2085833	36.258	ng		98
77) Benzidine	12.69	184	813917	31.427	ng		96
78) Pyrene	12.80	202	2047824	44.122	ng		100
80) Butylbenzylphthalate	13.40	149	1021236	52.276	ng		95
81) Benzo(a)anthracene	13.99	228	1558796	41.772	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	617836	42.679	ng		99
83) Chrysene	14.03	228	1484842	40.591	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1383401	54.145	ng		99
85) Di-n-octyl phthalate	14.57	149	2031580	49.051	ng		100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1741132	53.856	ng		100
88) Benzo(b)fluoranthene	15.04	252	1624701	39.849	ng		100
89) Benzo(k)fluoranthene	15.07	252	1440557	38.463	ng		99
90) Benzo(a)pyrene	15.40	252	1501653	41.850	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	1421884	47.688	ng		99
92) Benzo(g,h,i)perylene	17.38	276	1403501	46.970	ng		98

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

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