Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
Data File : BF114482.D
Acq On : 22 May 2019 3:45
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
5/23/2019 8:15:54 AM

Quant Time: May 22 08:23:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 04:47:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	166503	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	681491	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	309649	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	514605	20.00	ng		0.00
76) Chrysene-d12	14.00	240	343635	20.00	ng		0.00
87) Perylene-d12	15.46	264	316049	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	818409	79.10	ng		-0.01
7) Phenol-d6	6.47	99	1024839	83.75	ng		-0.01
23) Nitrobenzene-d5	7.40	82	973902	80.20	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	208292	65.07	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1707885	83.43	ng		0.00
79) Terphenyl-d14	12.93	244	1284988	77.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	191081	33.599	ng		99
3) Pyridine	3.30	79	542735	34.637	ng		100
4) n-Nitrosodimethylamine	3.25	42	256830	33.990	ng		97
6) Aniline	6.49	93	711775	40.266	ng	#	56
8) 2-Chlorophenol	6.62	128	473959	42.910	ng		95
9) Benzaldehyde	6.38	77	314818	36.748	ng		99
10) Phenol	6.49	94	587071	40.782	ng	#	67
11) bis(2-Chloroethyl)ether	6.56	93	465965	42.636	ng		99
12) 1,3-Dichlorobenzene	6.77	146	523741	42.242	ng		98
13) 1,4-Dichlorobenzene	6.85	146	527901	42.253	ng		99
14) 1,2-Dichlorobenzene	7.00	146	486684	42.637	ng		99
15) Benzyl Alcohol	6.97	79	381581	39.980	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	869748	41.044	ng		73
17) 2-Methylphenol	7.09	107	375787	41.416	ng		93
18) Hexachloroethane	7.34	117	168791	35.992	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	322567	41.587	ng		98
20) 3+4-Methylphenols	7.25	107	476549	45.458	ng	#	64
22) Acetophenone	7.24	105	629330	41.685	ng	#	91
24) Nitrobenzene	7.42	77	496113	40.112	ng		96
25) Isophorone	7.65	82	893766	39.685	ng		99
26) 2-Nitrophenol	7.73	139	224140	37.353	ng		97
27) 2,4-Dimethylphenol	7.77	122	363168	38.535	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	598912	40.986	ng		99
29) 2,4-Dichlorophenol	7.98	162	388768	41.427	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	428608	40.164	ng		98
31) Naphthalene	8.13	128	1314202	41.284	ng		99
32) Benzoic acid	7.89	122	113083m	21.387	ng		
33) 4-Chloroaniline	8.19	127	604233	41.653	ng		99
34) Hexachlorobutadiene	8.25	225	251530	41.425	ng		98
35) Caprolactam	8.56	113	130704	42.713	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	399582	42.300	ng		97
37) 2-Methylnaphthalene	8.83	142	868600	42.291	ng		98
38) 1-Methylnaphthalene	8.93	142	819454	42.367	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	403104	42.975	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	534	4.440	ng		90
43) 2,4,6-Trichlorophenol	9.12	196	256385	39.739	ng		98
44) 2,4,5-Trichlorophenol	9.16	196	255338	38.591	ng		99
46) 1,1'-Biphenyl	9.29	154	1073404	42.910	ng		97
47) 2-Chloronaphthalene	9.32	162	837085	41.579	ng		99
48) 2-Nitroaniline	9.42	65	295844	41.436	ng		99
49) Acenaphthylene	9.73	152	1270009	41.477	ng		97
50) Dimethylphthalate	9.59	163	978155	43.031	ng		100
51) 2,6-Dinitrotoluene	9.66	165	207436	41.144	ng		91
52) Acenaphthene	9.90	154	741088	39.441	ng		99
53) 3-Nitroaniline	9.83	138	260301	41.591	ng		99
54) 2,4-Dinitrophenol	9.98	184	3001	7.829	ng		97
55) Dibenzofuran	10.07	168	1088192	39.496	ng		97
56) 4-Nitrophenol	10.01	139	100154	22.629	ng		89
57) 2,4-Dinitrotoluene	10.07	165	245541	35.881	ng	#	89
58) Fluorene	10.42	166	850328	39.956	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	179380	31.420	ng		99
60) Diethylphthalate	10.28	149	974608	42.198	ng		98
61) 4-Chlorophenyl-phenylether	10.40	204	441660	42.254	ng		99
62) 4-Nitroaniline	10.44	138	257113	39.095	ng		98
63) Azobenzene	10.56	77	866554	38.762	ng		98
65) 4,6-Dinitro-2-methylphenol	10.49	198	11661	4.716	ng		79
66) n-Nitrosodiphenylamine	10.52	169	757391	48.494	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	262025	46.245	ng		98
68) Hexachlorobenzene	10.97	284	262810	41.928	ng	#	92
69) Atrazine	11.05	200	220841	45.437	ng		98
70) Pentachlorophenol	11.17	266	90980	30.619	ng		97
71) Phenanthrene	11.38	178	1052047	42.021	ng		99
72) Anthracene	11.43	178	1059253	42.123	ng		98
73) Carbazole	11.59	167	980610	40.893	ng		97
74) Di-n-butylphthalate	11.91	149	1387198	50.213	ng		99
75) Fluoranthene	12.57	202	985134	36.540	ng		98
77) Benzidine	12.69	184	524763	34.020	ng		97
78) Pyrene	12.80	202	1001310	36.222	ng		99
80) Butylbenzylphthalate	13.40	149	458124	39.373	ng		97
81) Benzo(a)anthracene	13.99	228	939918	42.289	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	371745	43.115	ng		98
83) Chrysene	14.03	228	931680	42.761	ng		97
84) Bis(2-ethylhexyl)phthalate	13.96	149	637926	41.920	ng		99
85) Di-n-octyl phthalate	14.57	149	1125051	45.606	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	633362	32.892	ng		100
88) Benzo(b)fluoranthene	15.04	252	897398	44.321	ng		99
89) Benzo(k)fluoranthene	15.07	252	869023	46.722	ng		98
90) Benzo(a)pyrene	15.40	252	741483	41.610	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	538481	36.366	ng		99
92) Benzo(g,h,i)perylene	17.39	276	497676	33.538	ng		99

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

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