Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
Data File : BF113123.D
Acq On : 19 Mar 2019 14:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/20/2019 6:51:17 PM

Quant Time: Mar 19 15:17:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	179266	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	790161	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	325103	20.00	ng		-0.01
64) Phenanthrene-d10	11.24	188	642878	20.00	ng		0.00
76) Chrysene-d12	13.87	240	458880	20.00	ng		0.00
87) Perylene-d12	15.27	264	402493	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	809577	70.25	ng		0.00
7) Phenol-d6	6.37	99	1024170	70.75	ng		0.00
23) Nitrobenzene-d5	7.29	82	1116893	84.58	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	330782	95.84	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1687390	86.36	ng		0.00
79) Terphenyl-d14	12.82	244	1806864	76.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	188296m	32.595	ng		
3) Pyridine	3.10	79	519012	33.582	ng		99
4) n-Nitrosodimethylamine	3.04	42	232820	34.437	ng		97
6) Aniline	6.39	93	679280	34.089	ng	#	26
8) 2-Chlorophenol	6.52	128	516854	40.289	ng		93
9) Benzaldehyde	6.27	77	362538	34.756	ng		99
10) Phenol	6.39	94	601569	35.610	ng	#	71
11) bis(2-Chloroethyl)ether	6.46	93	517224	39.890	ng		97
12) 1,3-Dichlorobenzene	6.66	146	572335	43.188	ng		98
13) 1,4-Dichlorobenzene	6.74	146	540819	40.693	ng		98
14) 1,2-Dichlorobenzene	6.90	146	517721	42.494	ng		99
15) Benzyl Alcohol	6.87	79	420473	38.091	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	775576	35.842	ng		85
17) 2-Methylphenol	6.99	107	392826	37.745	ng		96
18) Hexachloroethane	7.23	117	215708	42.371	ng		97
19) n-Nitroso-di-n-propylamine	7.15	70	379550	41.397	ng		96
20) 3+4-Methylphenols	7.15	107	508296	43.261	ng	#	81
22) Acetophenone	7.14	105	778227	42.121	ng	#	94
24) Nitrobenzene	7.31	77	582137	39.609	ng		98
25) Isophorone	7.55	82	1088327	38.256	ng		98
26) 2-Nitrophenol	7.63	139	317298	51.862	ng		96
27) 2,4-Dimethylphenol	7.67	122	444132	39.020	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	685286	38.529	ng		98
29) 2,4-Dichlorophenol	7.87	162	475570	43.085	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	504880	42.570	ng		99
31) Naphthalene	8.03	128	1545420	39.394	ng		100
32) Benzoic acid	7.82	122	357836	44.855	ng		93
33) 4-Chloroaniline	8.08	127	648282	39.016	ng		99
34) Hexachlorobutadiene	8.15	225	306313	45.796	ng		99
35) Caprolactam	8.46	113	153018	39.361	ng		98
36) 4-Chloro-3-methylphenol	8.57	107	473409	38.755	ng		97
37) 2-Methylnaphthalene	8.72	142	934300	36.879	ng		99
38) 1-Methylnaphthalene	8.82	142	836433	34.083	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	413021	43.566	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	220120	42.401	ng		98
43) 2,4,6-Trichlorophenol	9.00	196	272522	41.768	ng		97
44) 2,4,5-Trichlorophenol	9.05	196	295890	41.956	ng		99
46) 1,1'-Biphenyl	9.19	154	1083112	40.846	ng		98
47) 2-Chloronaphthalene	9.21	162	812146	39.224	ng		98
48) 2-Nitroaniline	9.30	65	262705	41.742	ng		98
49) Acenaphthylene	9.62	152	1338816	38.088	ng		99
50) Dimethylphthalate	9.49	163	994979	41.507	ng		99
51) 2,6-Dinitrotoluene	9.55	165	221269	44.326	ng	#	77
52) Acenaphthene	9.79	154	758864	36.917	ng		98
53) 3-Nitroaniline	9.72	138	243673	40.061	ng		94
54) 2,4-Dinitrophenol	9.83	184	113108	57.379	ng		97
55) Dibenzofuran	9.96	168	1154628	38.647	ng		100
56) 4-Nitrophenol	9.89	139	185109	37.445	ng		98
57) 2,4-Dinitrotoluene	9.95	165	286453	46.165	ng		91
58) Fluorene	10.31	166	866105	40.845	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	251873	42.867	ng		95
60) Diethylphthalate	10.19	149	978506	38.649	ng		98
61) 4-Chlorophenyl-phenylether	10.30	204	441330	44.733	ng		96
62) 4-Nitroaniline	10.33	138	246946	43.935	ng		97
63) Azobenzene	10.46	77	914561	35.268	ng		97
65) 4,6-Dinitro-2-methylphenol	10.36	198	144793	54.160	ng		84
66) n-Nitrosodiphenylamine	10.42	169	797487	38.680	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	298682	44.109	ng		94
68) Hexachlorobenzene	10.86	284	338320	44.323	ng		94
69) Atrazine	10.95	200	232959	36.892	ng		99
70) Pentachlorophenol	11.05	266	187425	41.718	ng		99
71) Phenanthrene	11.26	178	1268711	39.665	ng		99
72) Anthracene	11.32	178	1289773	38.521	ng		99
73) Carbazole	11.47	167	1230515	37.674	ng		100
74) Di-n-butylphthalate	11.80	149	1551194	39.608	ng		100
75) Fluoranthene	12.45	202	1375733	40.145	ng		97
77) Benzidine	12.56	184	589125	24.745	ng		98
78) Pyrene	12.67	202	1373043	35.493	ng		100
80) Butylbenzylphthalate	13.29	149	635999	37.246	ng		94
81) Benzo(a)anthracene	13.86	228	1059384	33.310	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	424548	35.296	ng		99
83) Chrysene	13.90	228	1104347	35.450	ng		100
84) Bis(2-ethylhexyl)phthalate	13.86	149	805027	40.194	ng		99
85) Di-n-octyl phthalate	14.46	149	1369309	39.815	ng		98
86) Indeno(1,2,3-cd)pyrene	16.64	276	976383	36.764	ng	#	93
88) Benzo(b)fluoranthene	14.88	252	1050672m	40.357	ng		
89) Benzo(k)fluoranthene	14.90	252	861690	36.540	ng		98
90) Benzo(a)pyrene	15.22	252	893374	38.795	ng	#	96
91) Dibenzo(a,h)anthracene	16.66	278	813252	41.387	ng	#	96
92) Benzo(g,h,i)perylene	17.05	276	795026	40.293	ng		94

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

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