Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030719\
Data File : BF112917.D
Acq On : 7 Mar 2019 13:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/8/2019 9:26:03 AM

Quant Time: Mar 08 00:36:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	239533	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	955020	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	469285	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	906926	20.00	ng		0.00
76) Chrysene-d12	13.87	240	586614	20.00	ng		0.00
87) Perylene-d12	15.27	264	500819	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1124436	73.02	ng		0.00
7) Phenol-d6	6.37	99	1409045	72.84	ng		0.00
23) Nitrobenzene-d5	7.30	82	1303038	81.64	ng		0.00
42) 2,4,6-Tribromophenol	10.55	330	427919	85.89	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	2308427	80.32	ng		0.00
79) Terphenyl-d14	12.83	244	2242442	74.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	281743	36.501	ng		97
3) Pyridine	3.13	79	755265	36.573	ng		99
4) n-Nitrosodimethylamine	3.08	42	319004	35.313	ng		93
6) Aniline	6.40	93	918729	34.505	ng		98
8) 2-Chlorophenol	6.52	128	649667	37.900	ng		95
9) Benzaldehyde	6.28	77	471479	33.828	ng		99
10) Phenol	6.39	94	808399	35.814	ng	#	72
11) bis(2-Chloroethyl)ether	6.47	93	633359	36.557	ng		94
12) 1,3-Dichlorobenzene	6.67	146	687358	38.817	ng		99
13) 1,4-Dichlorobenzene	6.75	146	689990	38.855	ng		99
14) 1,2-Dichlorobenzene	6.90	146	639410	39.278	ng		98
15) Benzyl Alcohol	6.88	79	548367	37.178	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1065482	36.851	ng		97
17) 2-Methylphenol	7.00	107	547933	39.403	ng		97
18) Hexachloroethane	7.25	117	258700	38.031	ng	#	89
19) n-Nitroso-di-n-propylamine	7.16	70	441614	36.048	ng		97
20) 3+4-Methylphenols	7.15	107	583056	37.138	ng		95
22) Acetophenone	7.15	105	879405	39.381	ng		97
24) Nitrobenzene	7.32	77	691927	38.952	ng		98
25) Isophorone	7.56	82	1295017	37.664	ng		100
26) 2-Nitrophenol	7.63	139	365172	49.384	ng		99
27) 2,4-Dimethylphenol	7.67	122	522185	37.958	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	823812	38.322	ng		99
29) 2,4-Dichlorophenol	7.87	162	552396	41.407	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	587445	40.981	ng		97
31) Naphthalene	8.04	128	1809626	38.166	ng		99
32) Benzoic acid	7.81	122	453159	46.998	ng		92
33) 4-Chloroaniline	8.09	127	783814	39.030	ng		99
34) Hexachlorobutadiene	8.16	225	353665	43.748	ng		99
35) Caprolactam	8.47	113	185676m	39.516	ng		
36) 4-Chloro-3-methylphenol	8.57	107	578704	39.197	ng		96
37) 2-Methylnaphthalene	8.73	142	1192844	38.957	ng		100
38) 1-Methylnaphthalene	8.83	142	1161831	39.170	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	567757	41.488	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	321943	42.961	ng		98
43) 2,4,6-Trichlorophenol	9.01	196	394784	41.917	ng		98
44) 2,4,5-Trichlorophenol	9.05	196	412136	40.485	ng		96
46) 1,1'-Biphenyl	9.19	154	1531024	39.998	ng		99
47) 2-Chloronaphthalene	9.22	162	1192328	39.893	ng		99
48) 2-Nitroaniline	9.31	65	392023	43.152	ng		94
49) Acenaphthylene	9.63	152	1887614	37.201	ng		99
50) Dimethylphthalate	9.50	163	1392173	40.233	ng		99
51) 2,6-Dinitrotoluene	9.55	165	323419	44.884	ng		88
52) Acenaphthene	9.80	154	1125256	37.923	ng		98
53) 3-Nitroaniline	9.72	138	360923	41.106	ng		99
54) 2,4-Dinitrophenol	9.83	184	156406	55.238	ng		98
55) Dibenzofuran	9.97	168	1540360	35.718	ng		96
56) 4-Nitrophenol	9.89	139	282215	39.549	ng		87
57) 2,4-Dinitrotoluene	9.96	165	395131	44.115	ng	#	83
58) Fluorene	10.32	166	1115838	36.455	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	357505	42.151	ng		94
60) Diethylphthalate	10.19	149	1287677	35.235	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	554653	38.947	ng		97
62) 4-Nitroaniline	10.33	138	335270	41.323	ng		98
63) Azobenzene	10.47	77	1245651	33.277	ng		92
65) 4,6-Dinitro-2-methylphenol	10.36	198	188955	50.446	ng		82
66) n-Nitrosodiphenylamine	10.43	169	1082849	37.229	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	397735	41.636	ng		95
68) Hexachlorobenzene	10.86	284	454543	42.211	ng	#	92
69) Atrazine	10.95	200	346372	38.883	ng		99
70) Pentachlorophenol	11.05	266	282794	44.619	ng		97
71) Phenanthrene	11.27	178	1751133	38.808	ng		99
72) Anthracene	11.32	178	1805032	38.214	ng		100
73) Carbazole	11.47	167	1703002	36.960	ng		99
74) Di-n-butylphthalate	11.81	149	2045118	37.016	ng		99
75) Fluoranthene	12.45	202	1813921	37.521	ng		98
77) Benzidine	12.57	184	1051979	34.565	ng		97
78) Pyrene	12.68	202	1817251	36.747	ng		100
80) Butylbenzylphthalate	13.30	149	829320	37.992	ng		95
81) Benzo(a)anthracene	13.86	228	1366523	33.611	ng		100
82) 3,3'-Dichlorobenzidine	13.82	252	554819	36.083	ng		99
83) Chrysene	13.90	228	1442440	36.220	ng		100
84) Bis(2-ethylhexyl)phthalate	13.86	149	957829	37.409	ng		100
85) Di-n-octyl phthalate	14.47	149	1713132	38.965	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1177363	34.678	ng		95
88) Benzo(b)fluoranthene	14.87	252	1233058	38.064	ng		98
89) Benzo(k)fluoranthene	14.90	252	1154291	39.338	ng		97
90) Benzo(a)pyrene	15.22	252	1093918	38.178	ng		98
91) Dibenzo(a,h)anthracene	16.64	278	960668	39.290	ng		98
92) Benzo(g,h,i)perylene	17.04	276	1010000	41.138	ng		97

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

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