Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112881.D
Acq On : 6 Mar 2019 13:15
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/7/2019 11:02:28 AM

Quant Time: Mar 07 04:24:37 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	206209	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	840950	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	403507	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	790259	20.00	ng		0.00
76) Chrysene-d12	13.87	240	493142	20.00	ng		0.00
87) Perylene-d12	15.27	264	424075	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	988081	74.54	ng		0.00
7) Phenol-d6	6.37	99	1280402	76.89	ng		0.00
23) Nitrobenzene-d5	7.30	82	1184258	84.27	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	398932	93.13	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	2017171	82.08	ng		0.00
79) Terphenyl-d14	12.83	244	2107467	82.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	234414	35.277	ng		99
3) Pyridine	3.13	79	626702	35.252	ng		99
4) n-Nitrosodimethylamine	3.08	42	278226	35.776	ng		100
6) Aniline	6.40	93	836930	36.513	ng		98
8) 2-Chlorophenol	6.52	128	576419	39.062	ng		96
9) Benzaldehyde	6.28	77	410796	34.237	ng		99
10) Phenol	6.39	94	727838	37.456	ng	#	71
11) bis(2-Chloroethyl)ether	6.47	93	558356	37.436	ng		97
12) 1,3-Dichlorobenzene	6.67	146	615188	40.356	ng		100
13) 1,4-Dichlorobenzene	6.75	146	619489	40.522	ng		98
14) 1,2-Dichlorobenzene	6.91	146	568895	40.594	ng		99
15) Benzyl Alcohol	6.88	79	503462	39.649	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	920023	36.962	ng		98
17) 2-Methylphenol	7.00	107	473634	39.564	ng		97
18) Hexachloroethane	7.25	117	233789	39.923	ng		93
19) n-Nitroso-di-n-propylamine	7.16	70	405524	38.451	ng		99
20) 3+4-Methylphenols	7.15	107	531390	39.317	ng		95
22) Acetophenone	7.15	105	797615	40.563	ng		98
24) Nitrobenzene	7.32	77	626525	40.054	ng		98
25) Isophorone	7.56	82	1153149	38.087	ng		98
26) 2-Nitrophenol	7.63	139	323508	49.683	ng		98
27) 2,4-Dimethylphenol	7.68	122	466427	38.504	ng		99
28) bis(2-Chloroethoxy)methane	7.77	93	718322	37.947	ng		99
29) 2,4-Dichlorophenol	7.88	162	492962	41.964	ng		95
30) 1,2,4-Trichlorobenzene	7.96	180	532594	42.194	ng		98
31) Naphthalene	8.04	128	1626930	38.967	ng		100
32) Benzoic acid	7.82	122	391786	46.145	ng		93
33) 4-Chloroaniline	8.09	127	703022	39.755	ng		98
34) Hexachlorobutadiene	8.16	225	320053	44.960	ng		99
35) Caprolactam	8.47	113	162962m	39.387	ng		
36) 4-Chloro-3-methylphenol	8.57	107	520953	40.071	ng		97
37) 2-Methylnaphthalene	8.73	142	1079556	40.039	ng		100
38) 1-Methylnaphthalene	8.83	142	1039686	39.807	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	504233	42.853	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	295865	45.917 ng		100
43) 2,4,6-Trichlorophenol	9.01	196	345857	42.708 ng		98
44) 2,4,5-Trichlorophenol	9.05	196	381148	43.544 ng		97
46) 1,1'-Biphenyl	9.19	154	1340293	40.723 ng		99
47) 2-Chloronaphthalene	9.22	162	1029480	40.059 ng		99
48) 2-Nitroaniline	9.31	65	333419	42.684 ng		99
49) Acenaphthylene	9.63	152	1680670	38.523 ng		100
50) Dimethylphthalate	9.50	163	1203372	40.446 ng		100
51) 2,6-Dinitrotoluene	9.56	165	270561	43.669 ng	#	77
52) Acenaphthene	9.80	154	1015306	39.795 ng		99
53) 3-Nitroaniline	9.72	138	310485	41.126 ng		98
54) 2,4-Dinitrophenol	9.83	184	132369	54.471 ng		99
55) Dibenzofuran	9.97	168	1437593	38.769 ng		99
56) 4-Nitrophenol	9.89	139	256311	41.774 ng	#	85
57) 2,4-Dinitrotoluene	9.96	165	350567	45.520 ng		87
58) Fluorene	10.32	166	1042638	39.616 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	320360	43.929 ng		96
60) Diethylphthalate	10.19	149	1205011	38.348 ng		99
61) 4-Chlorophenyl-phenylether	10.31	204	516265	42.161 ng		94
62) 4-Nitroaniline	10.33	138	306812	43.980 ng		97
63) Azobenzene	10.47	77	1157445	35.961 ng		95
65) 4,6-Dinitro-2-methylphenol	10.36	198	165602	50.712 ng		89
66) n-Nitrosodiphenylamine	10.43	169	980349	38.681 ng		100
67) 4-Bromophenyl-phenylether	10.79	248	356072	42.778 ng		98
68) Hexachlorobenzene	10.86	284	409394	43.631 ng		95
69) Atrazine	10.95	200	311746	40.162 ng		98
70) Pentachlorophenol	11.06	266	253234	45.854 ng		100
71) Phenanthrene	11.27	178	1578740	40.153 ng		100
72) Anthracene	11.32	178	1585090	38.512 ng		100
73) Carbazole	11.47	167	1505824	37.505 ng		100
74) Di-n-butylphthalate	11.81	149	1832523	38.065 ng		100
75) Fluoranthene	12.45	202	1661485	39.442 ng		98
77) Benzidine	12.57	184	950362	37.145 ng		99
78) Pyrene	12.68	202	1662230	39.983 ng		100
80) Butylbenzylphthalate	13.30	149	708759	38.623 ng		95
81) Benzo(a)anthracene	13.86	228	1218202	35.643 ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	492398	38.093 ng		99
83) Chrysene	13.90	228	1228134	36.684 ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	793437	36.863 ng		99
85) Di-n-octyl phthalate	14.47	149	1324301	35.831 ng		97
86) Indeno(1,2,3-cd)pyrene	16.64	276	1133162	39.702 ng		95
88) Benzo(b)fluoranthene	14.87	252	1149539	41.908 ng		98
89) Benzo(k)fluoranthene	14.90	252	900027	36.224 ng		98
90) Benzo(a)pyrene	15.22	252	945725	38.979 ng		98
91) Dibenzo(a,h)anthracene	16.65	278	924987	44.677 ng		97
92) Benzo(g,h,i)perylene	17.04	276	951374	45.763 ng		95

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

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