Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072418\
Data File : BF107613.D
Acq On : 24 Jul 2018 12:23
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/25/2018 12:57:56 PM

Quant Time: Jul 24 12:50:28 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	238540	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	990155	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	460926	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	963517	20.00	ng		0.00
75) Chrysene-d12	14.16	240	740321	20.00	ng		0.00
86) Perylene-d12	15.68	264	610748	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1109091	74.76	ng		0.00
7) Phenol-d6	6.61	99	1314023	73.76	ng		0.00
23) Nitrobenzene-d5	7.54	82	1286532	87.69	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	480776	91.73	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	2348952	88.17	ng		-0.01
78) Terphenyl-d14	13.09	244	2377431	82.21	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	224200	32.467	ng	#	82
3) Pyridine	3.60	79	614897	32.731	ng	#	85
4) n-Nitrosodimethylamine	3.57	42	263847m	33.300	ng		
6) Aniline	6.64	93	818315	35.615	ng	#	74
8) 2-Chlorophenol	6.76	128	619621	38.982	ng		94
9) Benzaldehyde	6.52	77	419886	38.714	ng		92
10) Phenol	6.62	94	736733	35.164	ng		87
11) bis(2-Chloroethyl)ether	6.70	93	671166m	38.640	ng		
12) 1,3-Dichlorobenzene	6.91	146	679689	37.715	ng		98
13) 1,4-Dichlorobenzene	6.98	146	722120	39.095	ng		99
14) 1,2-Dichlorobenzene	7.14	146	634596	38.284	ng		98
15) Benzyl Alcohol	7.11	79	491156	40.454	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1023433	34.925	ng		81
17) 2-Methylphenol	7.22	107	505655	37.429	ng	#	92
18) Hexachloroethane	7.48	117	253697	39.159	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	427934	37.184	ng		99
20) 3+4-Methylphenols	7.38	107	605967	37.774	ng	#	65
22) Acetophenone	7.38	105	848819	36.502	ng	#	86
24) Nitrobenzene	7.55	77	665383	39.596	ng		99
25) Isophorone	7.79	82	1070296	34.166	ng		97
26) 2-Nitrophenol	7.87	139	373468	52.628	ng		96
27) 2,4-Dimethylphenol	7.90	122	483710	36.010	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	732546	34.991	ng		98
29) 2,4-Dichlorophenol	8.11	162	542855	39.539	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	581873	37.734	ng		98
31) Naphthalene	8.27	128	1629539	37.425	ng		98
32) Benzoic acid	7.99	122	73185	14.420	ng		92
33) 4-Chloroaniline	8.32	127	760311	39.951	ng		96
34) Hexachlorobutadiene	8.38	225	353541	38.583	ng		98
35) Caprolactam	8.70	113	166593	37.305	ng	#	77
36) 4-Chloro-3-methylphenol	8.81	107	599789	39.328	ng		97
37) 2-Methylnaphthalene	8.97	142	1147393	38.028	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	587512	38.215	ng		97
40) Hexachlorocyclopentadiene	9.11	237	296190	37.900	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	386735	39.300	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	432418	42.045	ng		94
45) 1,1'-Biphenyl	9.43	154	1548573	38.568	ng		99
46) 2-Chloronaphthalene	9.46	162	1158283	37.740	ng		99
47) 2-Nitroaniline	9.56	65	421859	47.148	ng		88
48) Acenaphthylene	9.88	152	1786985	38.760	ng		98
49) Dimethylphthalate	9.73	163	1298893	37.391	ng		99
50) 2,6-Dinitrotoluene	9.80	165	307224	44.545	ng		93
51) Acenaphthene	10.05	154	1040910	36.034	ng		98
52) 3-Nitroaniline	9.98	138	373990	44.573	ng		96
53) 2,4-Dinitrophenol	10.08	184	126069	49.261	ng	#	25
54) Dibenzofuran	10.22	168	1644283	38.664	ng		98
55) 4-Nitrophenol	10.15	139	243848	38.817	ng		96
56) 2,4-Dinitrotoluene	10.20	165	397385	47.732	ng		96
57) Fluorene	10.57	166	1236398	40.752	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.34	232	372493	43.518	ng	#	86
59) Diethylphthalate	10.42	149	1387629	38.248	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	664008	38.714	ng		96
61) 4-Nitroaniline	10.60	138	356102	50.515	ng		95
62) Azobenzene	10.71	77	1272946	37.418	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	174463	39.405	ng		93
65) n-Nitrosodiphenylamine	10.67	169	1190758	36.389	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	417593	36.818	ng	#	90
67) Hexachlorobenzene	11.11	284	465572	37.306	ng	#	83
68) Atrazine	11.20	200	373419	37.375	ng		96
69) Pentachlorophenol	11.31	266	348946	44.764	ng		99
70) Phenanthrene	11.53	178	1720425	36.642	ng		98
71) Anthracene	11.58	178	1837205	38.863	ng		97
72) Carbazole	11.74	167	1910345	38.860	ng		98
73) Di-n-butylphthalate	12.05	149	2079587	39.709	ng		97
74) Fluoranthene	12.72	202	1881904	37.352	ng		97
76) Benzidine	12.85	184	980001	45.966	ng		99
77) Pyrene	12.95	202	1941070	38.332	ng		98
79) Butylbenzylphthalate	13.56	149	914439	41.990	ng		88
80) Benzo(a)anthracene	14.15	228	1595302	36.772	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	612276	48.781	ng	#	98
82) Chrysene	14.18	228	1532162	36.765	ng		98
83) Bis(2-ethylhexyl)phthalate	14.11	149	1002273	32.618	ng		99
84) Di-n-octyl phthalate	14.72	149	1673390	35.036	ng		99
85) Indeno(1,2,3-cd)pyrene	17.27	276	1347346	38.146	ng	#	93
87) Benzo(b)fluoranthene	15.23	252	1187444	35.525	ng		97
88) Benzo(k)fluoranthene	15.26	252	1284291	39.218	ng		98
89) Benzo(a)pyrene	15.62	252	1152154	37.682	ng		97
90) Dibenzo(a,h)anthracene	17.28	278	1119605	42.361	ng	#	95
91) Benzo(g,h,i)perylene	17.75	276	1138026	43.652	ng	#	92

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

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