Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107906.D
Acq On : 2 Aug 2018 13:46
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
8/3/2018 12:53:05 PM

Quant Time: Aug 02 14:41:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	153587	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	670255	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	303967	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	623690	20.00	ng		0.00
75) Chrysene-d12	14.15	240	397500	20.00	ng		0.00
86) Perylene-d12	15.68	264	346827	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	678731	75.11	ng		0.01
7) Phenol-d6	6.61	99	875706	73.53	ng		0.00
23) Nitrobenzene-d5	7.53	82	890185	76.51	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	302013	73.12	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1706898	78.25	ng		0.00
78) Terphenyl-d14	13.08	244	1605202	87.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	151589	37.231	ng		89
3) Pyridine	3.62	79	332309m	33.498	ng		
4) n-Nitrosodimethylamine	3.60	42	97696m	21.247	ng		
6) Aniline	6.64	93	461809	37.279	ng	#	53
8) 2-Chlorophenol	6.75	128	422844	37.250	ng		95
9) Benzaldehyde	6.52	77	277583m	38.629	ng		
10) Phenol	6.62	94	548042	38.586	ng		79
11) bis(2-Chloroethyl)ether	6.70	93	504565	39.951	ng		98
12) 1,3-Dichlorobenzene	6.90	146	443551	37.255	ng		98
13) 1,4-Dichlorobenzene	6.98	146	522143	39.398	ng		99
14) 1,2-Dichlorobenzene	7.12	146	487808	39.651	ng		99
15) Benzyl Alcohol	7.11	79	276952	37.412	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.22	45	686392	37.801	ng		70
17) 2-Methylphenol	7.22	107	321895	38.413	ng	#	73
18) Hexachloroethane	7.46	117	176234	36.995	ng		99
19) n-Nitroso-di-n-propylamine	7.37	70	301899	39.959	ng		97
20) 3+4-Methylphenols	7.38	107	385157	37.437	ng	#	72
22) Acetophenone	7.37	105	608937	37.762	ng	#	94
24) Nitrobenzene	7.55	77	454975	37.295	ng		99
25) Isophorone	7.78	82	734563	38.464	ng		99
26) 2-Nitrophenol	7.86	139	249101	40.686	ng		97
27) 2,4-Dimethylphenol	7.90	122	310516	37.882	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	497489	39.528	ng		99
29) 2,4-Dichlorophenol	8.11	162	365960	39.470	ng		96
30) 1,2,4-Trichlorobenzene	8.18	180	406037	38.387	ng		99
31) Naphthalene	8.26	128	1231515	39.527	ng		99
32) Benzoic acid	8.04	122	192530m	35.126	ng		
33) 4-Chloroaniline	8.32	127	511166	38.410	ng		99
34) Hexachlorobutadiene	8.36	225	238027	36.415	ng		99
35) Caprolactam	8.70	113	96191	34.462	ng	#	76
36) 4-Chloro-3-methylphenol	8.81	107	381623	37.898	ng		98
37) 2-Methylnaphthalene	8.95	142	763642	39.019	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	411835	39.738	ng	#	97
40) Hexachlorocyclopentadiene	9.09	237	134081	34.684	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	230527	40.236	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	276619	40.104	ng		95
45) 1,1'-Biphenyl	9.41	154	1101181	39.807	ng		99
46) 2-Chloronaphthalene	9.45	162	822440	39.426	ng		98
47) 2-Nitroaniline	9.56	65	260902	38.451	ng		92
48) Acenaphthylene	9.86	152	1194061	36.922	ng		100
49) Dimethylphthalate	9.71	163	850318	37.249	ng		99
50) 2,6-Dinitrotoluene	9.79	165	199856	40.285	ng	#	89
51) Acenaphthene	10.03	154	696491	37.075	ng		98
52) 3-Nitroaniline	9.98	138	235475	37.668	ng		98
53) 2,4-Dinitrophenol	10.10	184	87242	38.287	ng	#	37
54) Dibenzofuran	10.21	168	1083857	37.327	ng		99
55) 4-Nitrophenol	10.19	139	78084m	32.763	ng		
56) 2,4-Dinitrotoluene	10.20	165	241053	36.969	ng	#	81
57) Fluorene	10.55	166	830006	36.781	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.33	232	262455	41.428	ng	#	85
59) Diethylphthalate	10.41	149	896313	36.518	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	451434	36.723	ng		93
61) 4-Nitroaniline	10.61	138	209143	37.699	ng		95
62) Azobenzene	10.70	77	859680	37.608	ng		93
64) 4,6-Dinitro-2-methylphenol	10.61	198	124634	36.732	ng		90
65) n-Nitrosodiphenylamine	10.66	169	770152	37.502	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	286937	39.472	ng	#	86
67) Hexachlorobenzene	11.09	284	292936	36.339	ng	#	90
68) Atrazine	11.18	200	221924	36.512	ng		96
69) Pentachlorophenol	11.30	266	150524	37.932	ng		99
70) Phenanthrene	11.52	178	1101731	37.202	ng		100
71) Anthracene	11.57	178	1317584	38.573	ng		99
72) Carbazole	11.74	167	1304054	38.631	ng		98
73) Di-n-butylphthalate	12.04	149	1336229	36.284	ng		99
74) Fluoranthene	12.71	202	1249338	35.909	ng		97
76) Benzidine	12.85	184	429232	33.398	ng		97
77) Pyrene	12.94	202	1235865	43.177	ng		98
79) Butylbenzylphthalate	13.54	149	488998	39.012	ng		91
80) Benzo(a)anthracene	14.14	228	801808	35.609	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	330081	37.816	ng	#	97
82) Chrysene	14.17	228	957970	39.444	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	581475	36.901	ng		100
84) Di-n-octyl phthalate	14.71	149	884857	34.985	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	833005	45.093	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	592039	34.611	ng		97
88) Benzo(k)fluoranthene	15.25	252	752680	35.840	ng	#	96
89) Benzo(a)pyrene	15.61	252	639322	36.204	ng		99
90) Dibenzo(a,h)anthracene	17.28	278	709869	46.085	ng	#	96
91) Benzo(g,h,i)perylene	17.75	276	709109	47.577	ng	#	92

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

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